

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013816.D
 Acq On : 19 May 2023 13:15
 Operator : KP/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 22 04:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	269730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150428	48.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.716	113	127309	48.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.179	98	487267	49.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.483	95	161876	49.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41833	21.601	ug/l	98
3) Chloromethane	2.113	50	49384	16.820	ug/l	97
4) Vinyl Chloride	2.253	62	51555	17.585	ug/l	95
5) Bromomethane	2.656	94	42326	16.281	ug/l	97
6) Chloroethane	2.796	64	34155	16.949	ug/l	98
7) Trichlorofluoromethane	3.131	101	93035	21.804	ug/l	97
8) Diethyl Ether	3.534	74	28294	19.817	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	49306	19.744	ug/l	96
10) Methyl Iodide	4.094	142	49774	18.142	ug/l	95
11) Tert butyl alcohol	4.936	59	39283	154.759	ug/l #	73
12) 1,1-Dichloroethene	3.881	96	44812	19.797	ug/l	91
13) Acrolein	3.735	56	40578	89.485	ug/l	97
14) Allyl chloride	4.485	41	80663	18.090	ug/l	99
15) Acrylonitrile	5.167	53	72232	86.268	ug/l	99
16) Acetone	3.954	43	79371	83.959	ug/l	93
17) Carbon Disulfide	4.198	76	118808	18.266	ug/l	100
18) Methyl Acetate	4.478	43	54654	16.583	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	126414	18.408	ug/l	93
20) Methylene Chloride	4.716	84	68679	20.474	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	49809	19.542	ug/l	98
22) Diisopropyl ether	6.118	45	167929	17.705	ug/l	98
23) Vinyl Acetate	6.064	43	466472	84.992	ug/l	99
24) 1,1-Dichloroethane	6.021	63	97196	18.746	ug/l	99
25) 2-Butanone	6.990	43	100825	82.044	ug/l	95
26) 2,2-Dichloropropane	6.990	77	89288	20.161	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	57062	19.000	ug/l	98
28) Bromochloromethane	7.338	49	32232	17.767	ug/l	88
29) Tetrahydrofuran	7.350	42	59893	81.453	ug/l	97
30) Chloroform	7.508	83	103068	19.727	ug/l	100
31) Cyclohexane	7.783	56	79474	17.690	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	92055	20.641	ug/l	98
36) 1,1-Dichloropropene	7.917	75	70341	19.421	ug/l	98
37) Ethyl Acetate	7.076	43	42645	17.117	ug/l	99
38) Carbon Tetrachloride	7.899	117	83357	21.816	ug/l	94
39) Methylcyclohexane	9.185	83	79215	19.243	ug/l	97
40) Benzene	8.161	78	204107	19.392	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23143	18.693	ug/l #	82
42) 1,2-Dichloroethane	8.234	62	69447	20.421	ug/l	100
43) Isopropyl Acetate	8.277	43	78978	17.466	ug/l	97
44) Trichloroethene	8.941	130	55582	20.201	ug/l	96
45) 1,2-Dichloropropane	9.215	63	53491	18.495	ug/l	100
46) Dibromomethane	9.307	93	30660	18.928	ug/l	96
47) Bromodichloromethane	9.496	83	75882	19.781	ug/l	92
48) Methyl methacrylate	9.295	41	36903	17.766	ug/l	97
49) 1,4-Dioxane	9.307	88	7030	353.618	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	212383	84.342	ug/l	99
52) Toluene	10.246	92	129757	20.336	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	76519	19.347	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	84343	19.113	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	43011	19.523	ug/l	96
56) Ethyl methacrylate	10.508	69	52827	17.968	ug/l	97
57) 1,3-Dichloropropane	10.788	76	72311	19.079	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	100704	94.542	ug/l	96
59) 2-Hexanone	10.831	43	150744	84.218	ug/l	100
60) Dibromochloromethane	10.983	129	54567	20.441	ug/l	100
61) 1,2-Dibromoethane	11.087	107	39795	19.155	ug/l	99
64) Tetrachloroethene	10.715	164	48834	21.085	ug/l	95
65) Chlorobenzene	11.514	112	137664	19.921	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	55951	20.837	ug/l	97
67) Ethyl Benzene	11.593	91	245329	19.978	ug/l	99
68) m/p-Xylenes	11.703	106	189461	41.193	ug/l	99
69) o-Xylene	12.026	106	90006	20.572	ug/l	97
70) Styrene	12.044	104	150715	20.282	ug/l	100
71) Bromoform	12.203	173	35124	19.800	ug/l #	99
73) Isopropylbenzene	12.331	105	238157	19.571	ug/l	99
74) N-amyl acetate	12.142	43	67135	16.257	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	51314	17.801	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	65764	30.231	ug/l #	100
77) Bromobenzene	12.605	156	59540	20.283	ug/l	93
78) n-propylbenzene	12.672	91	296606	19.787	ug/l	98
79) 2-Chlorotoluene	12.757	91	163975	19.383	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	201409	20.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16629	17.019	ug/l	95
82) 4-Chlorotoluene	12.855	91	175742	19.942	ug/l	99
83) tert-Butylbenzene	13.074	119	174394	20.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	198250	20.386	ug/l	100
85) sec-Butylbenzene	13.251	105	263361	20.201	ug/l	99
86) p-Isopropyltoluene	13.367	119	217374	20.648	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	113153	19.801	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	111744	19.447	ug/l	97
89) n-Butylbenzene	13.696	91	201914	19.563	ug/l	99
90) Hexachloroethane	13.958	117	44024	19.789	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	102454	20.133	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8878	19.007	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61294	20.298	ug/l	98
94) Hexachlorobutadiene	15.111	225	38958	20.767	ug/l	98
95) Naphthalene	15.233	128	110540	18.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51837	19.079	ug/l	99

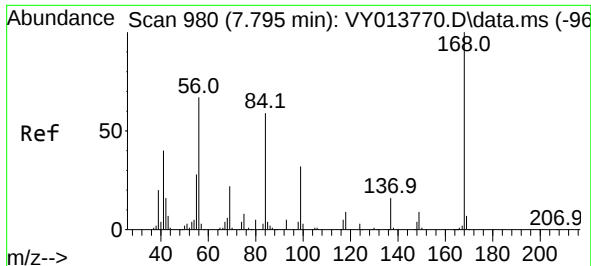
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
Data File : VY013816.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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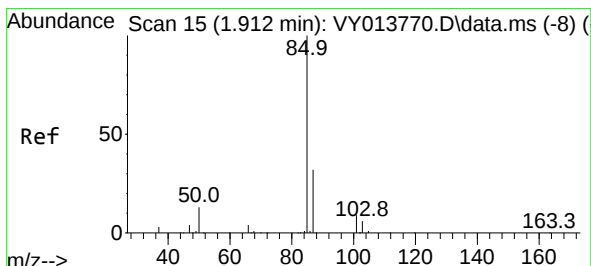
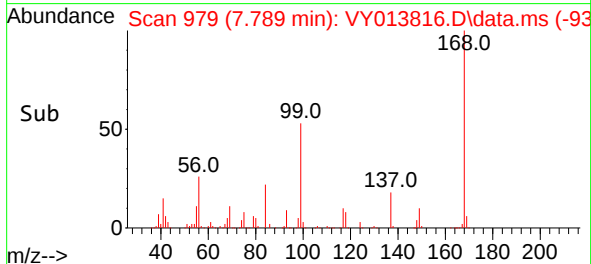
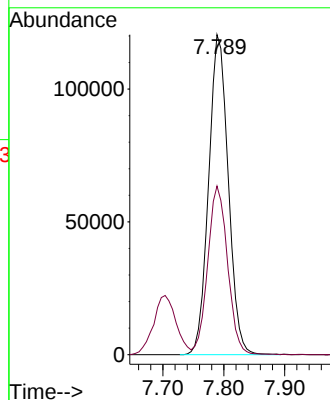
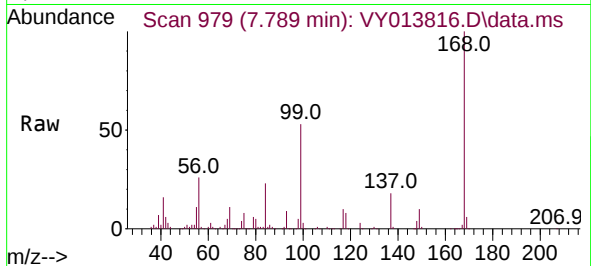
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

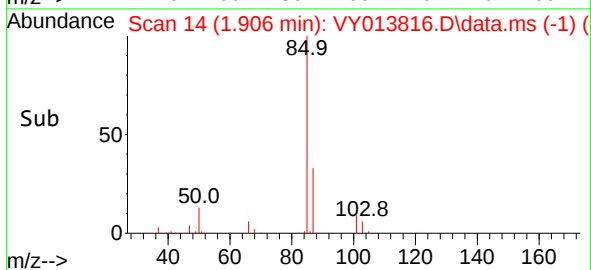
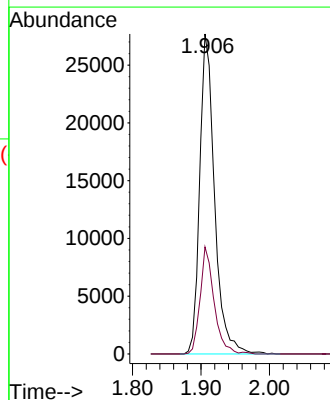
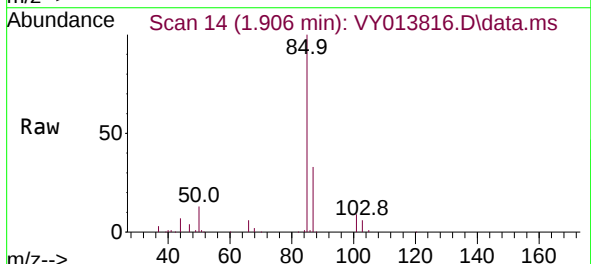
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

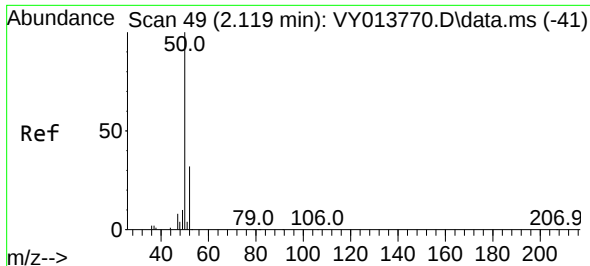
Tgt Ion:168 Resp: 269730
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 21.601 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 85 Resp: 41833
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

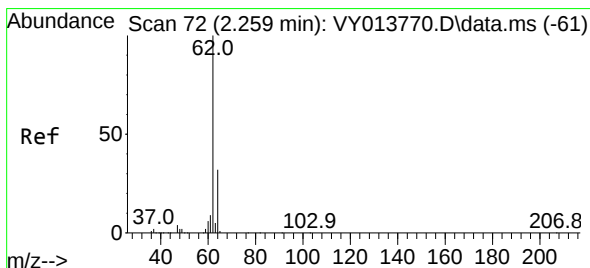
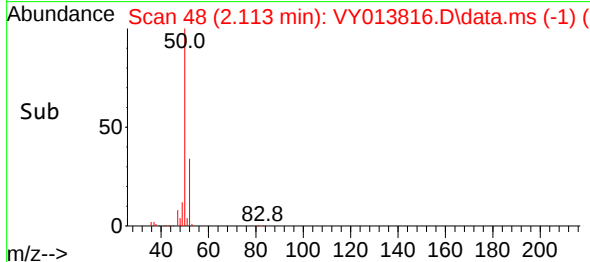
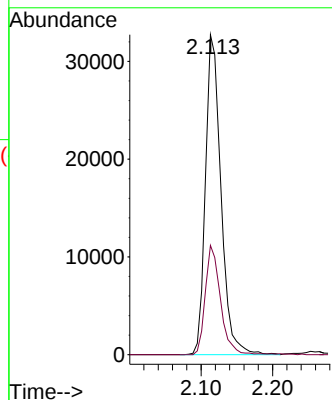
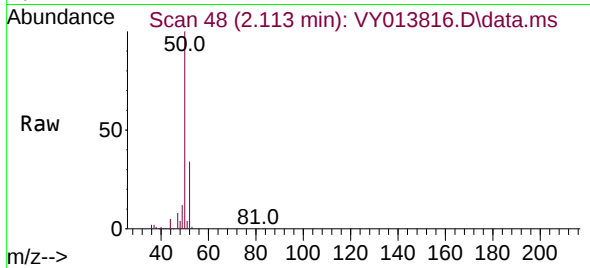




#3
Chloromethane
Concen: 16.820 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

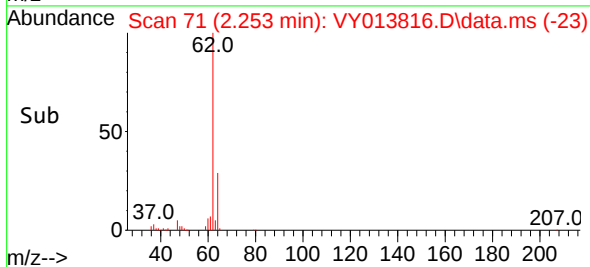
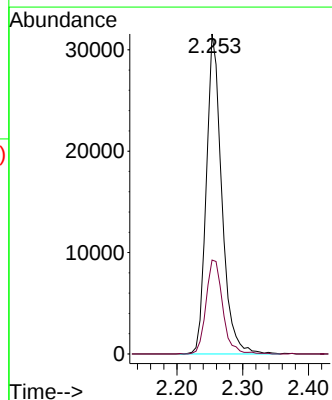
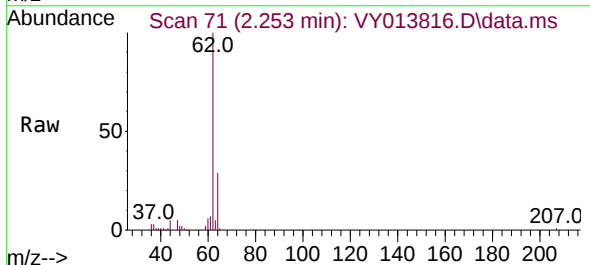
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

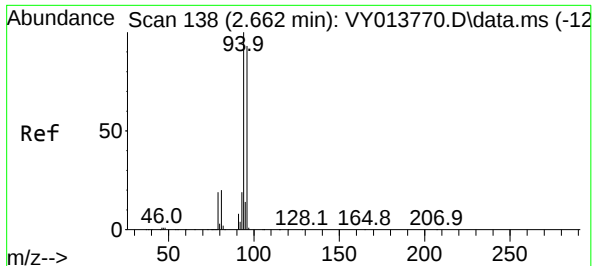
Tgt Ion: 50 Resp: 49384
Ion Ratio Lower Upper
50 100
52 34.2 26.0 39.0



#4
Vinyl Chloride
Concen: 17.585 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 62 Resp: 51555
Ion Ratio Lower Upper
62 100
64 29.3 25.8 38.6

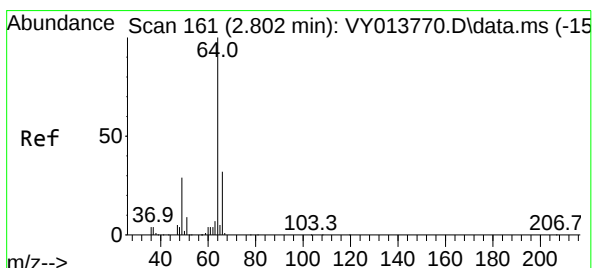
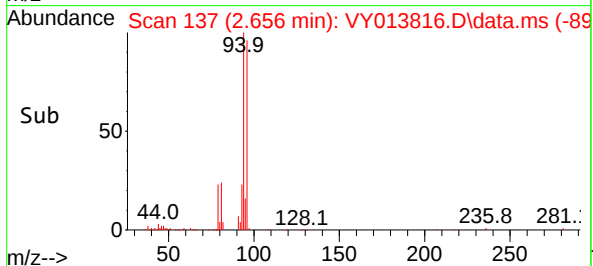
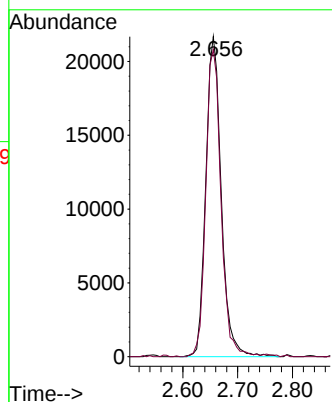
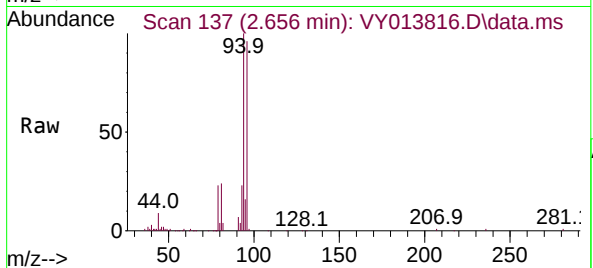




#5
Bromomethane
Concen: 16.281 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

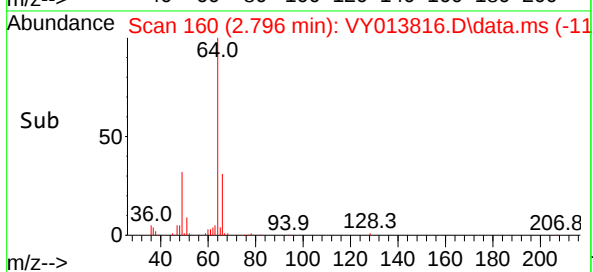
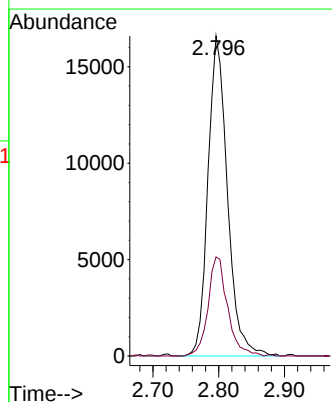
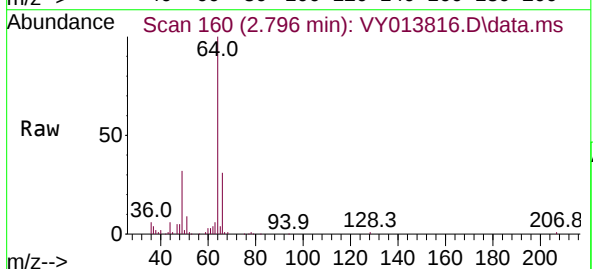
Instrument :
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VY0519SBSD01

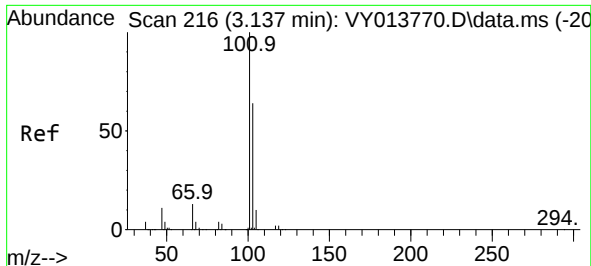
Tgt Ion: 94 Resp: 42326
Ion Ratio Lower Upper
94 100
96 96.0 74.2 111.4



#6
Chloroethane
Concen: 16.949 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 64 Resp: 34155
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.6

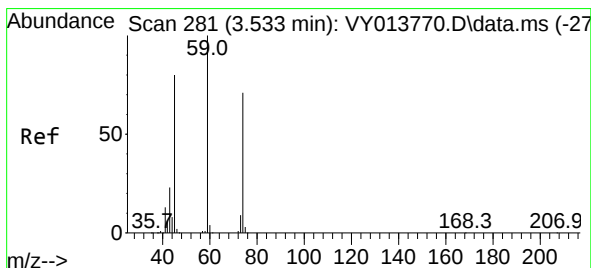
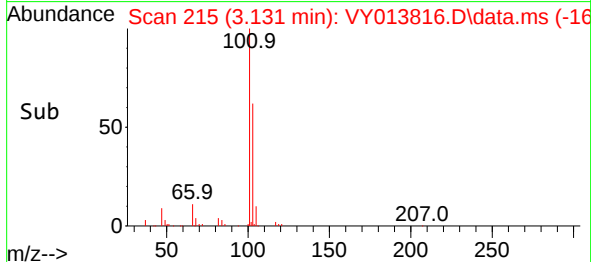
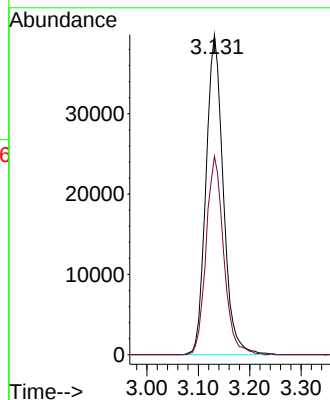
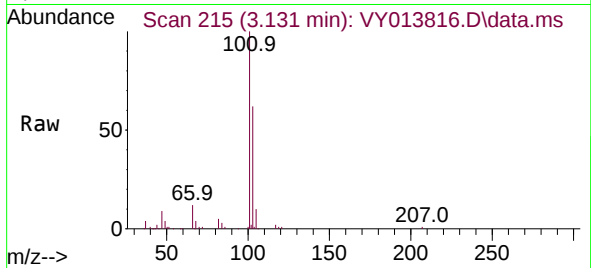




#7
 Trichlorofluoromethane
 Concen: 21.804 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

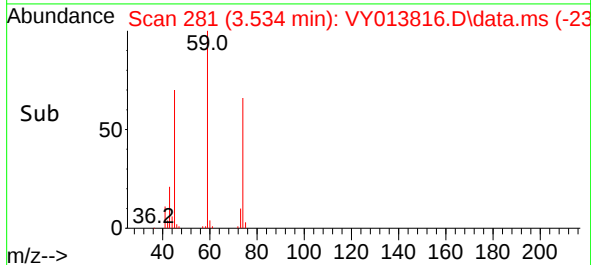
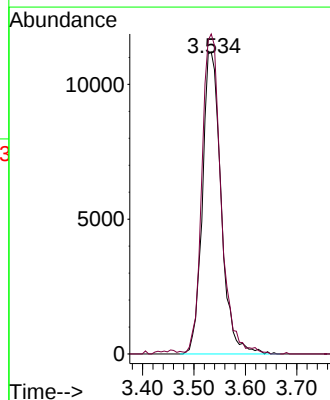
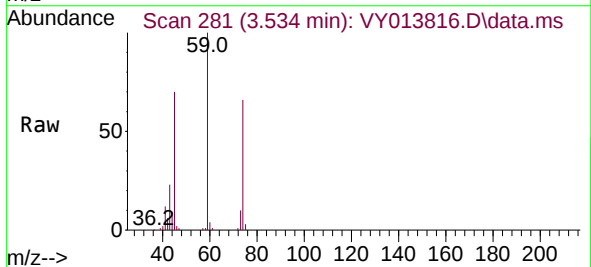
Instrument :
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 ClientSampleId :
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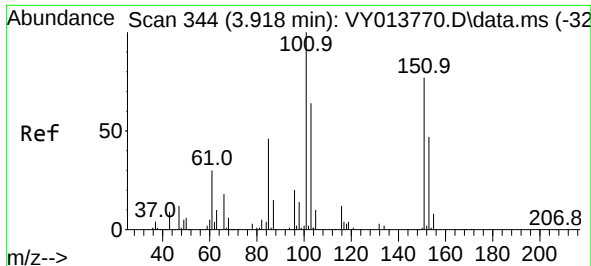
Tgt Ion:101 Resp: 93035
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.817 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

Tgt Ion: 74 Resp: 28294
 Ion Ratio Lower Upper
 74 100
 45 108.6 56.1 168.3

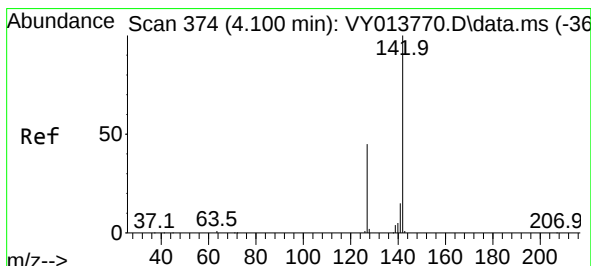
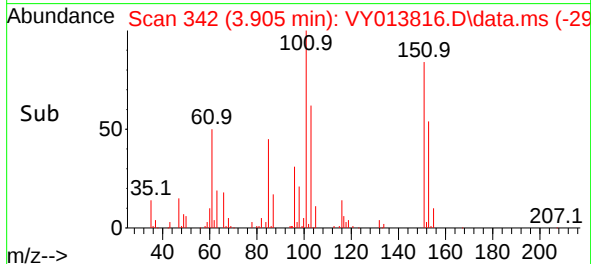
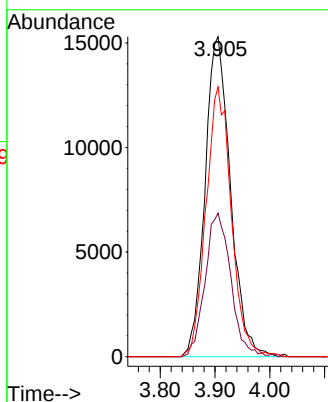
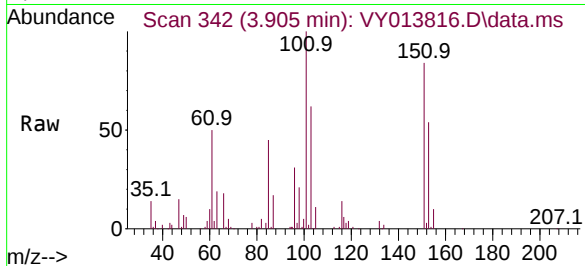




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.744 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

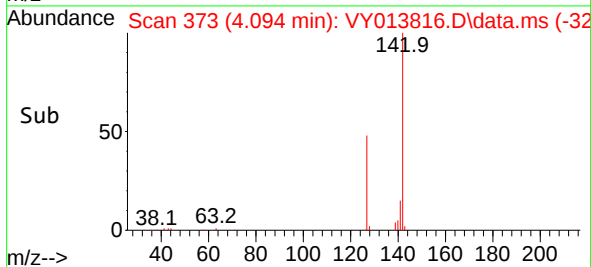
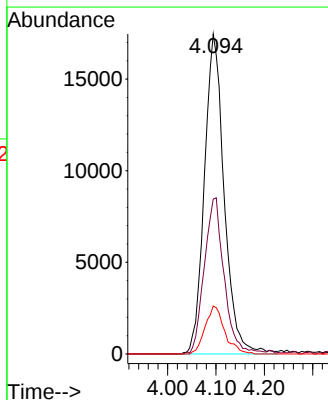
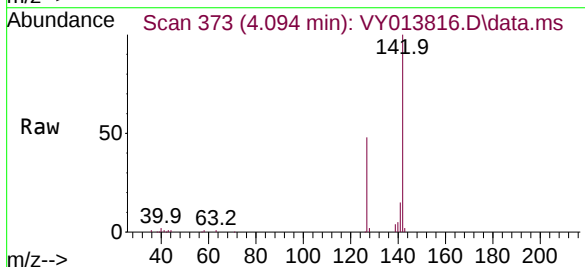
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

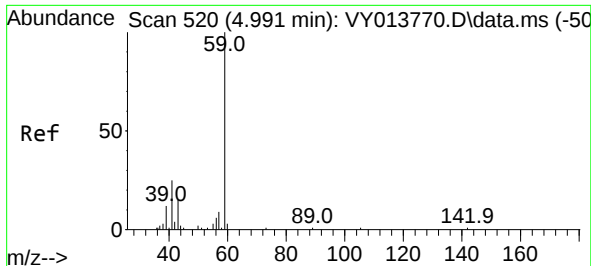
Tgt Ion:101 Resp: 49306
Ion Ratio Lower Upper
101 100
85 45.1 37.8 56.8
151 84.0 64.2 96.2



#10
Methyl Iodide
Concen: 18.142 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion:142 Resp: 49774
Ion Ratio Lower Upper
142 100
127 48.8 35.4 53.2
141 14.7 11.5 17.3





#11

Tert butyl alcohol

Concen: 154.759 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.055 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

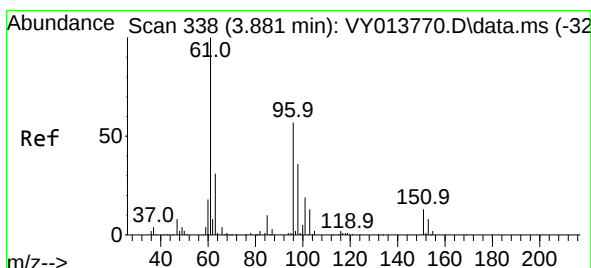
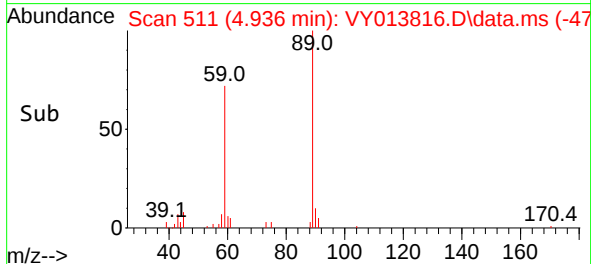
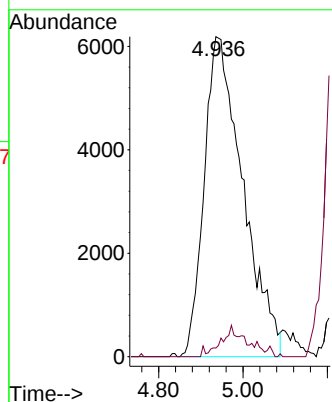
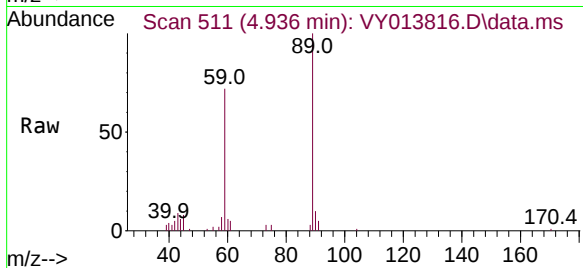
VY0519SBS01

Tgt Ion: 59 Resp: 39283

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 19.797 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

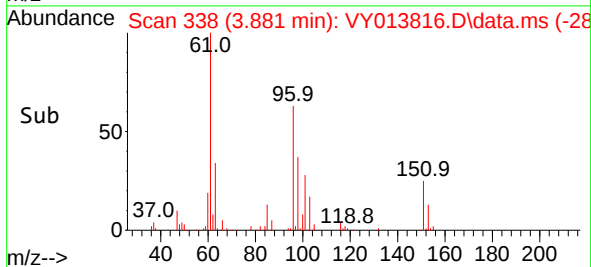
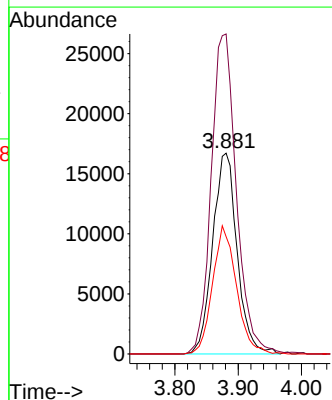
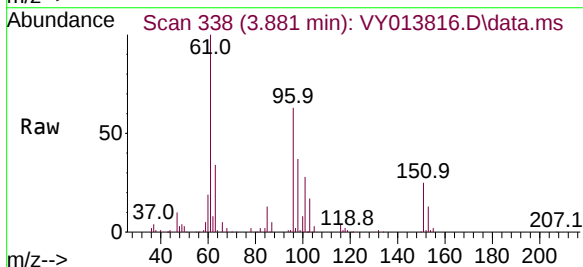
Tgt Ion: 96 Resp: 44812

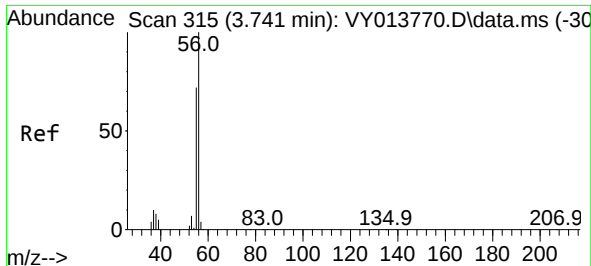
Ion Ratio Lower Upper

96 100

61 159.4 139.8 209.6

98 58.4 49.7 74.5

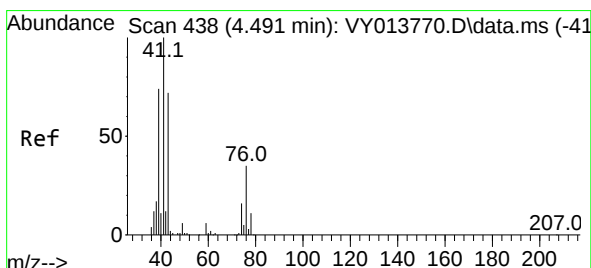
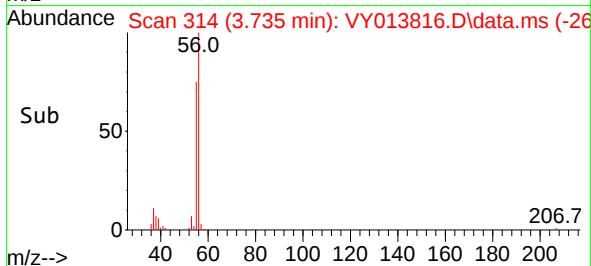
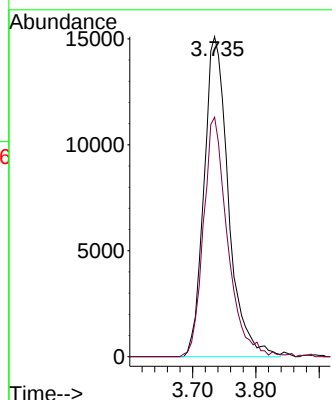
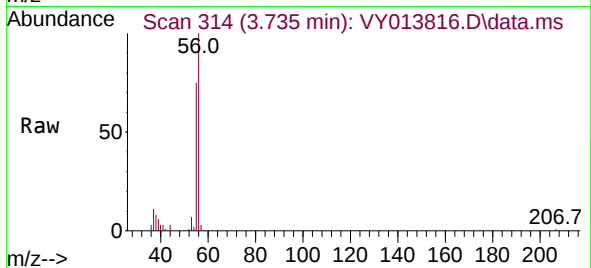




#13
Acrolein
Concen: 89.485 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

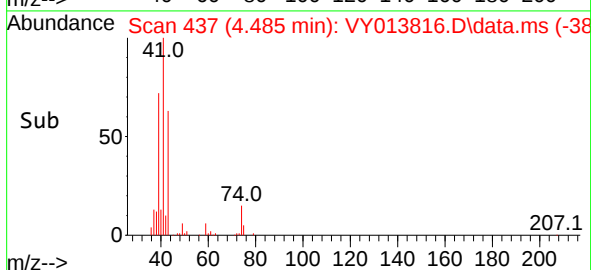
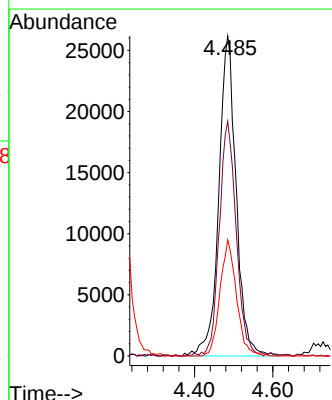
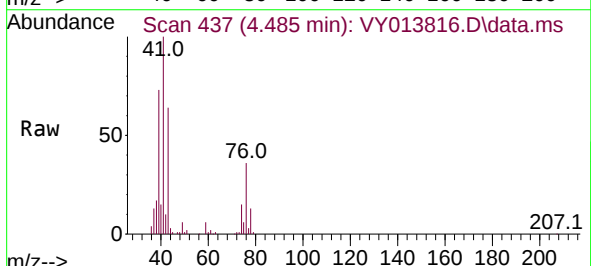
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

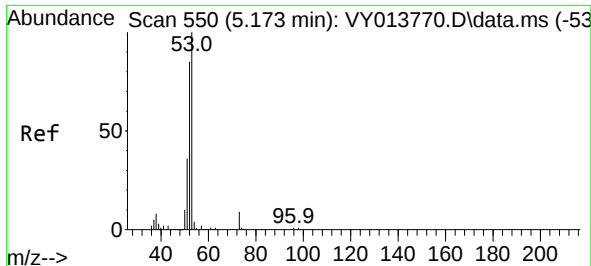
Tgt Ion: 56 Resp: 40578
Ion Ratio Lower Upper
56 100
55 74.0 57.5 86.3



#14
Allyl chloride
Concen: 18.090 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 41 Resp: 80663
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 34.3 26.2 39.2

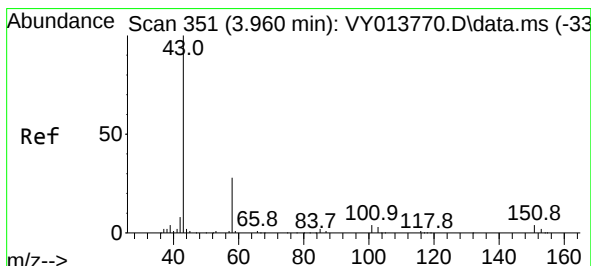
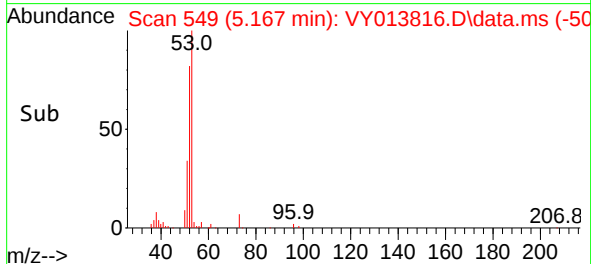
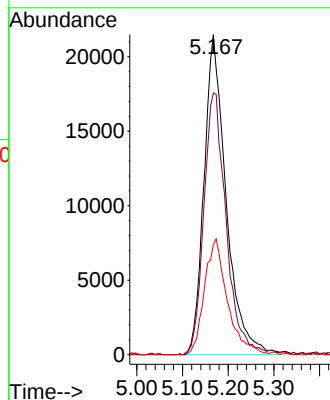
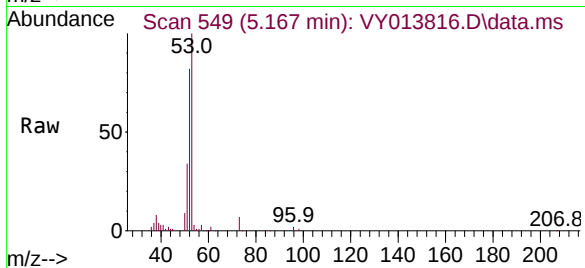




#15
Acrylonitrile
Concen: 86.268 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

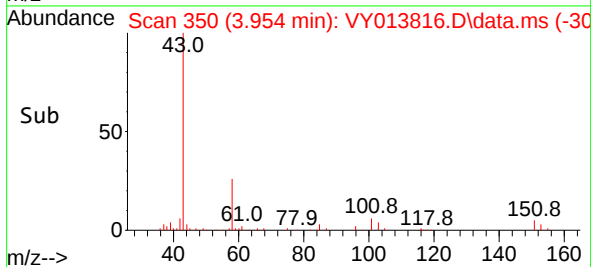
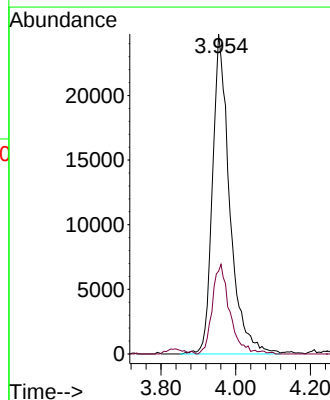
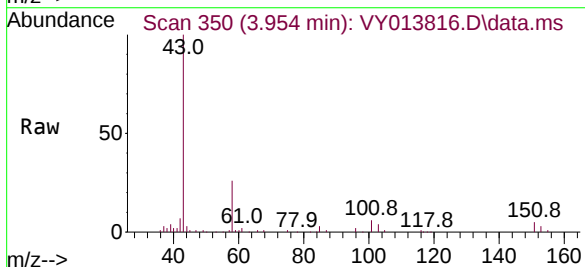
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

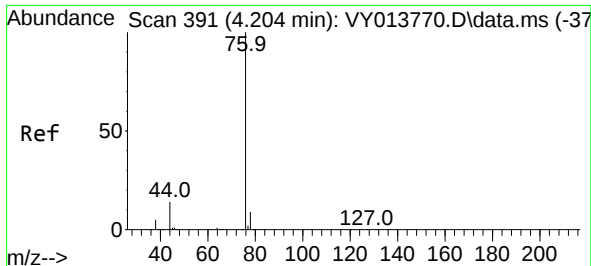
Tgt Ion: 53 Resp: 72232
Ion Ratio Lower Upper
53 100
52 82.1 66.5 99.7
51 37.6 30.1 45.1



#16
Acetone
Concen: 83.959 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 43 Resp: 79371
Ion Ratio Lower Upper
43 100
58 25.9 23.7 35.5





#17

Carbon Disulfide

Concen: 18.266 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

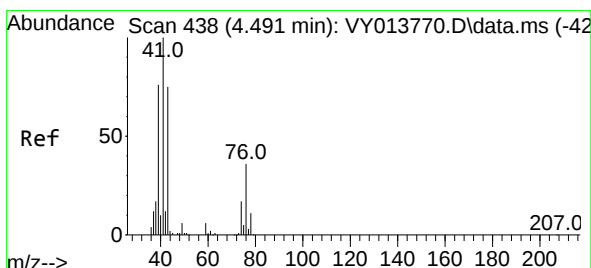
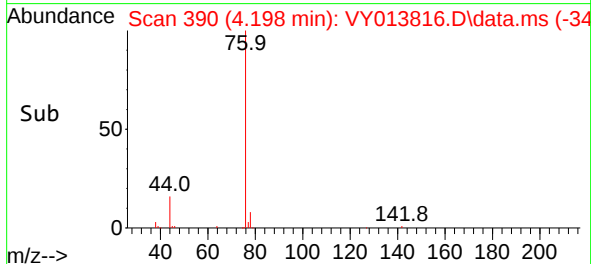
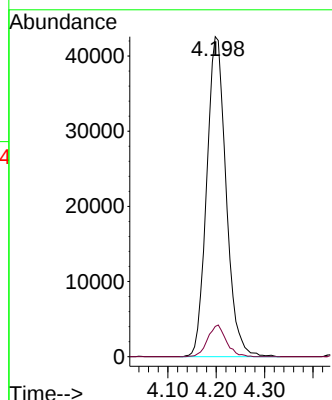
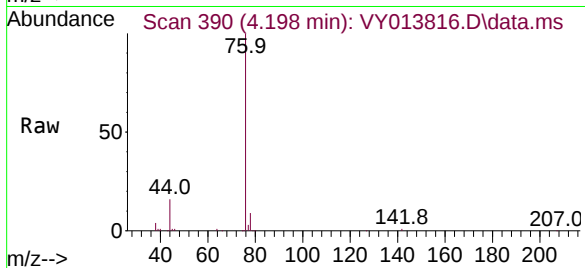
VY0519SBS01

Tgt Ion: 76 Resp: 118808

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#18

Methyl Acetate

Concen: 16.583 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY013816.D

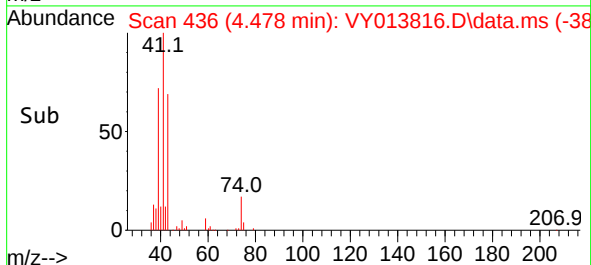
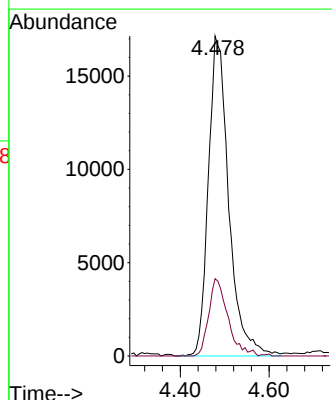
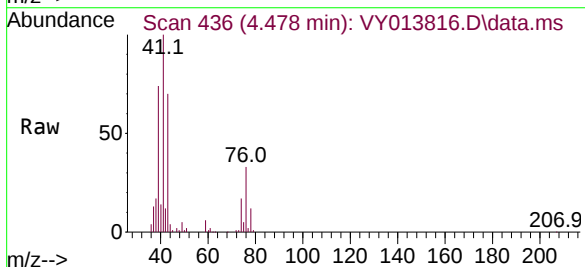
Acq: 19 May 2023 13:15

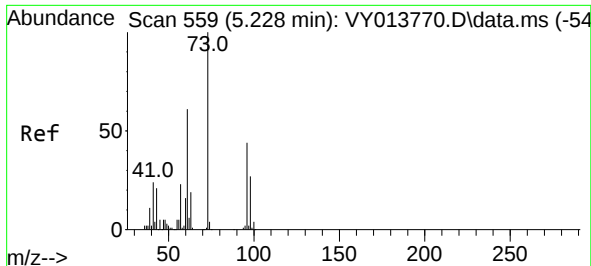
Tgt Ion: 43 Resp: 54654

Ion Ratio Lower Upper

43 100

74 22.7 16.6 25.0

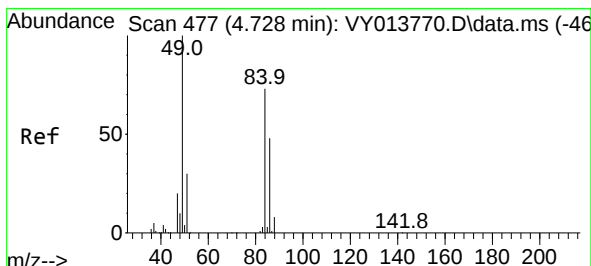
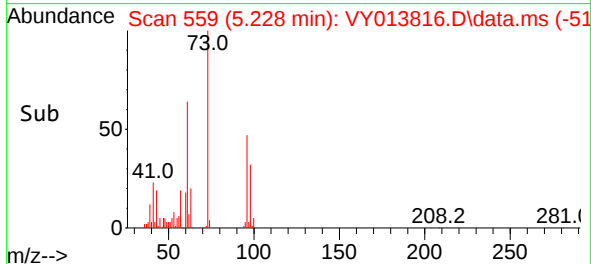
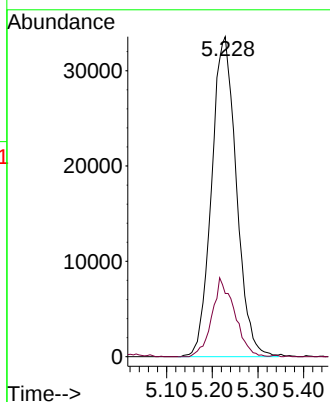
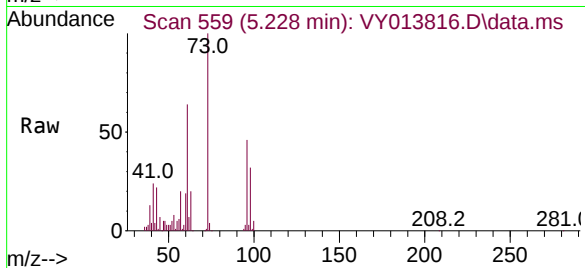




#19
Methyl tert-butyl Ether
Concen: 18.408 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

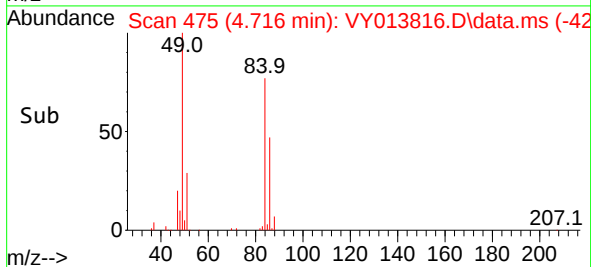
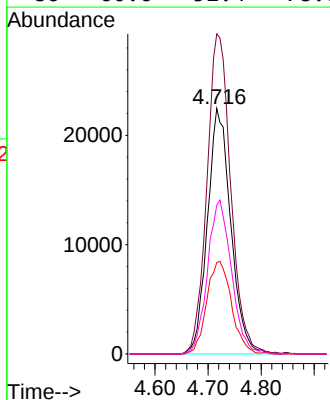
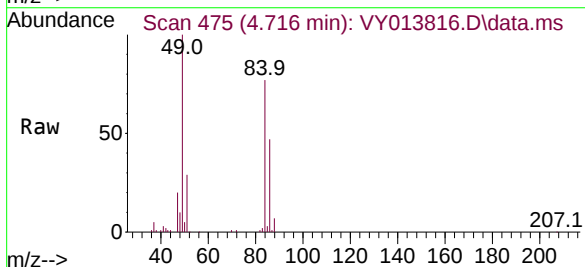
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

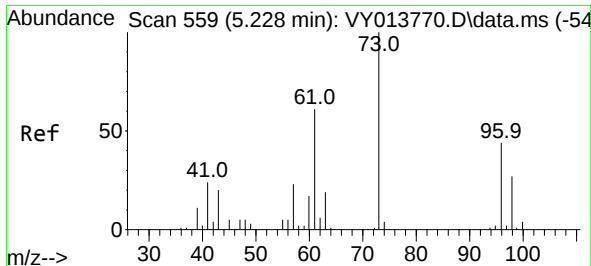
Tgt Ion: 73 Resp: 126414
Ion Ratio Lower Upper
73 100
57 19.8 18.6 27.8



#20
Methylene Chloride
Concen: 20.474 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 84 Resp: 68679
Ion Ratio Lower Upper
84 100
49 130.4 109.4 164.0
51 37.2 32.8 49.2
86 60.6 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 19.542 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

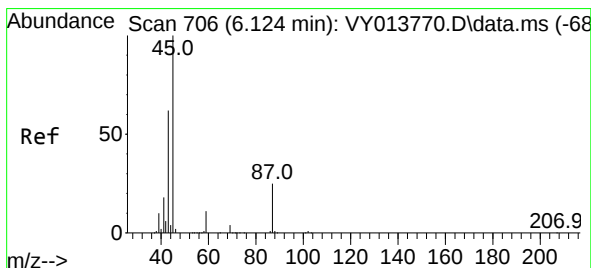
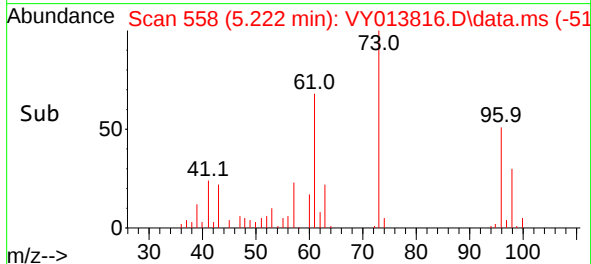
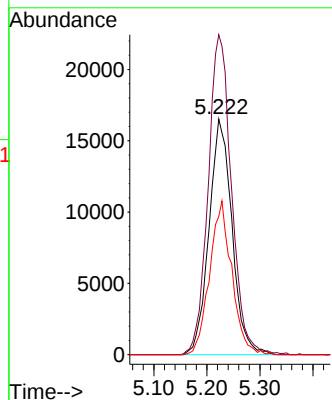
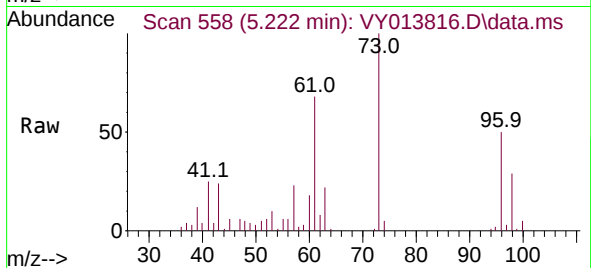
Tgt Ion: 96 Resp: 49809

Ion Ratio Lower Upper

96 100

61 135.8 110.8 166.2

98 58.6 48.6 72.8



#22

Diisopropyl ether

Concen: 17.705 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Tgt Ion: 45 Resp: 167929

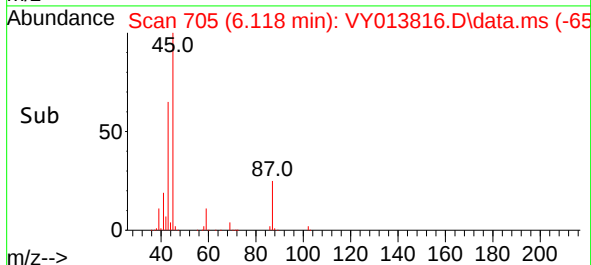
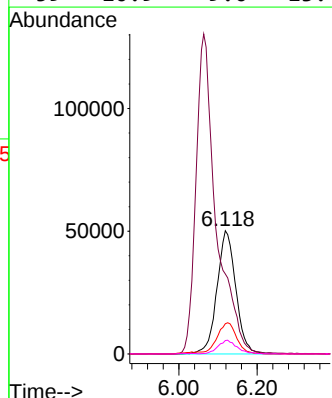
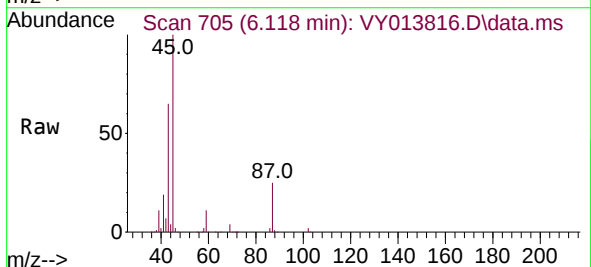
Ion Ratio Lower Upper

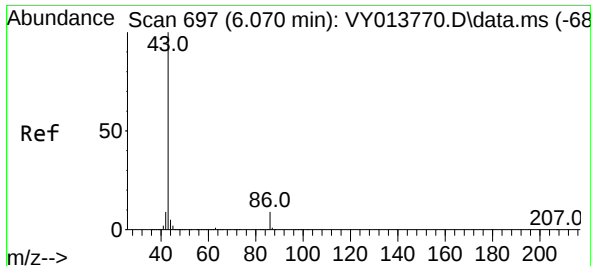
45 100

43 64.5 49.7 74.5

87 24.6 19.9 29.9

59 10.9 9.0 13.4

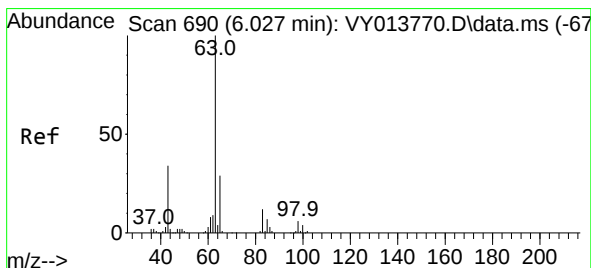
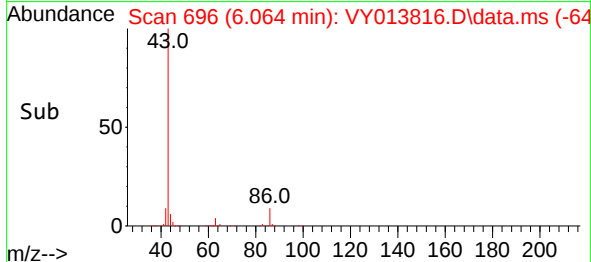
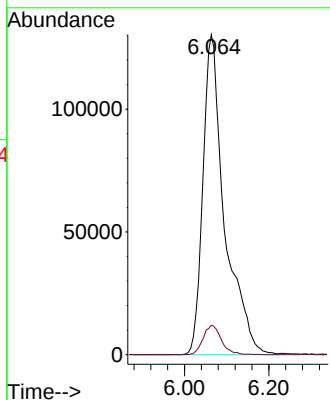
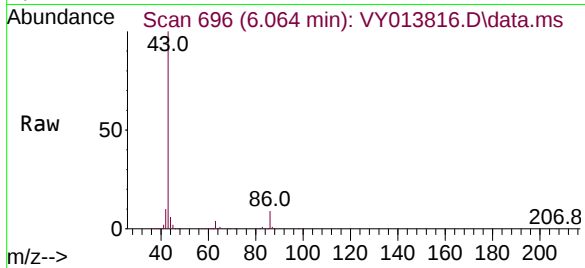




#23
 Vinyl Acetate
 Concen: 84.992 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

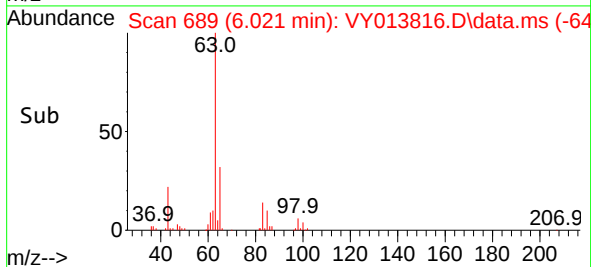
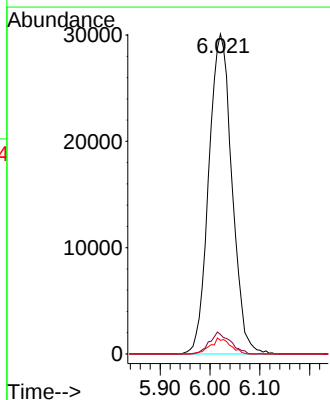
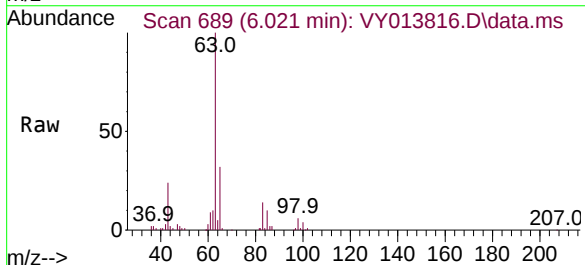
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBSD01

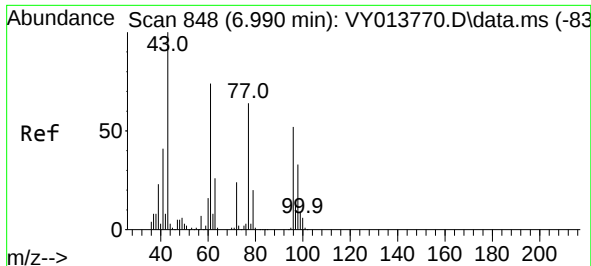
Tgt Ion: 43 Resp: 466472
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 18.746 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

Tgt Ion: 63 Resp: 97196
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 4.3 2.0 6.0

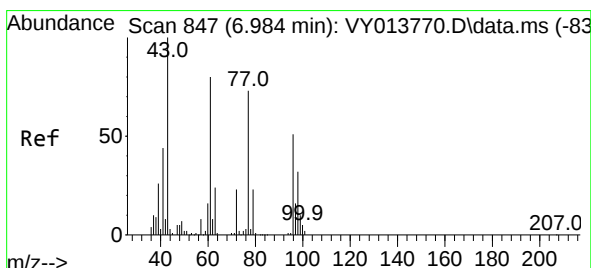
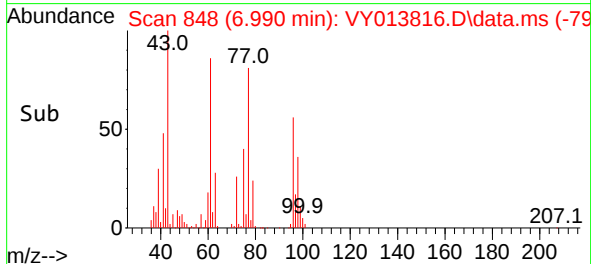
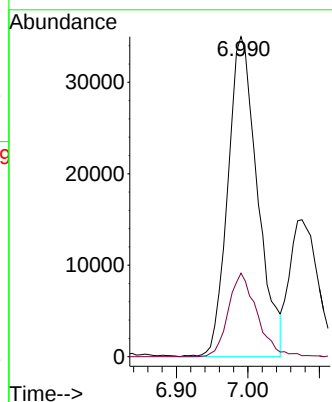
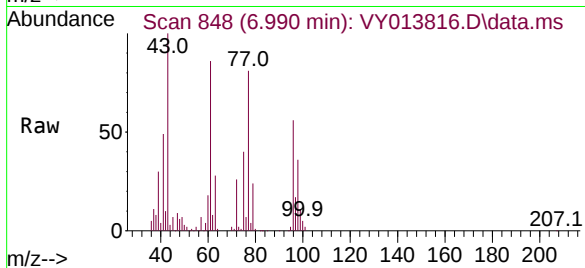




#25
2-Butanone
Concen: 82.044 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

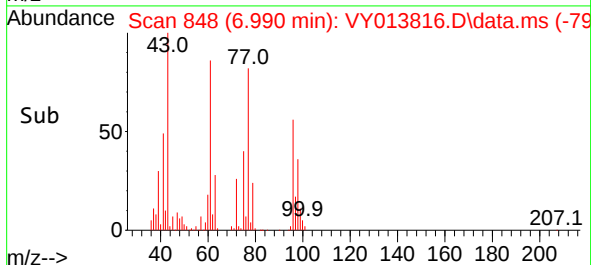
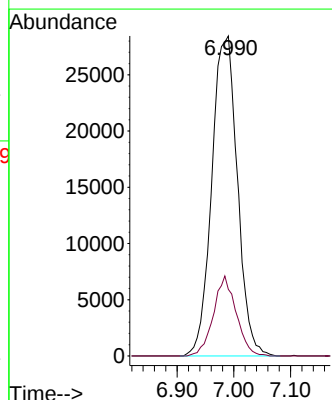
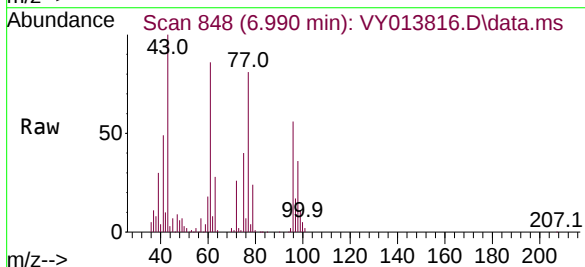
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

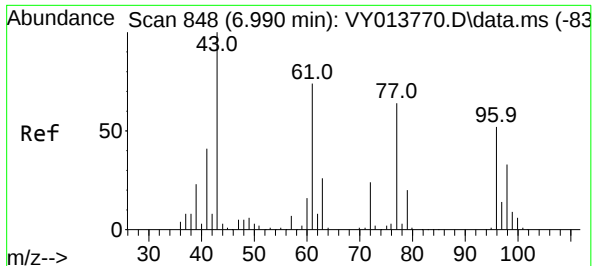
Tgt Ion: 43 Resp: 100825
Ion Ratio Lower Upper
43 100
72 26.1 19.0 28.6



#26
2,2-Dichloropropane
Concen: 20.161 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 77 Resp: 89288
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.000 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

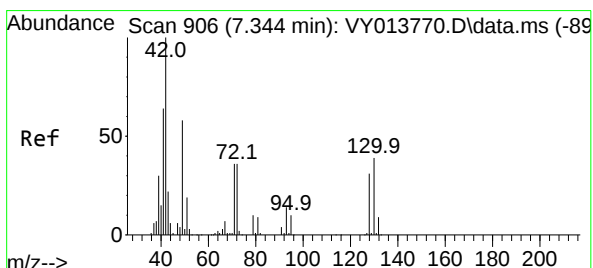
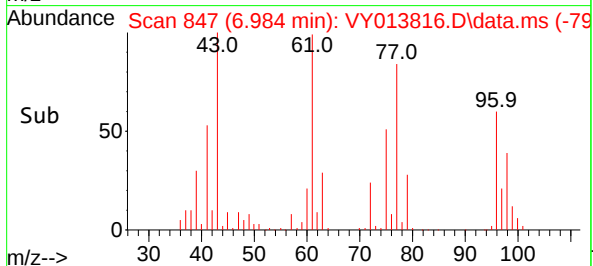
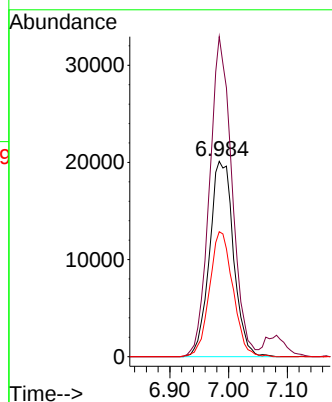
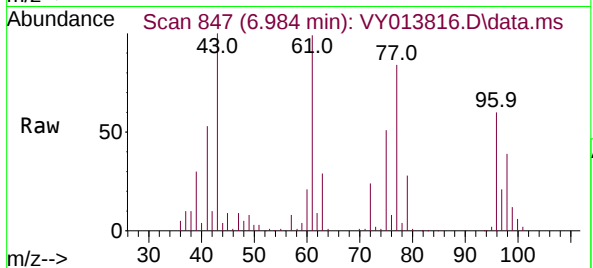
Tgt Ion: 96 Resp: 57062

Ion Ratio Lower Upper

96 100

61 153.0 0.0 300.6

98 62.5 0.0 127.8



#28

Bromochloromethane

Concen: 17.767 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

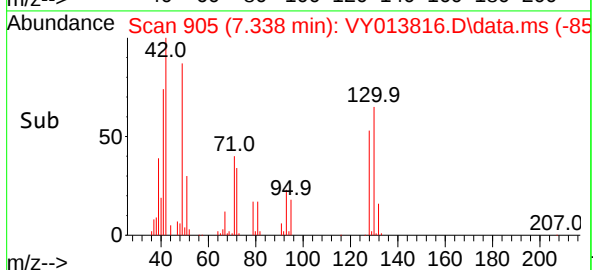
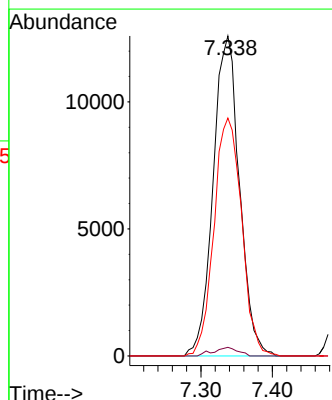
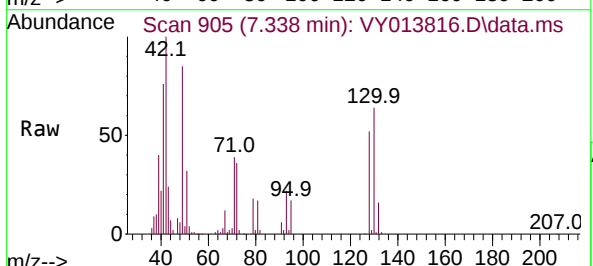
Tgt Ion: 49 Resp: 32232

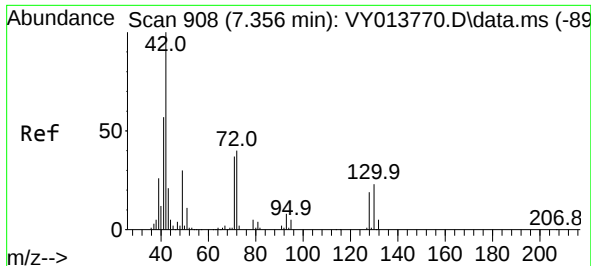
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 77.9 54.4 81.6





#29

Tetrahydrofuran

Concen: 81.453 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

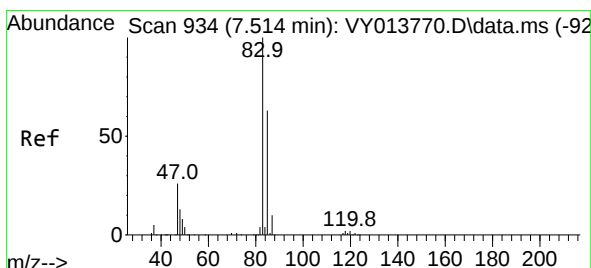
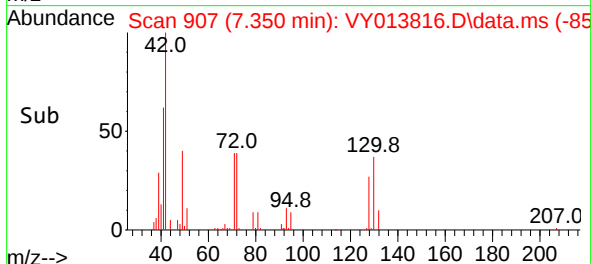
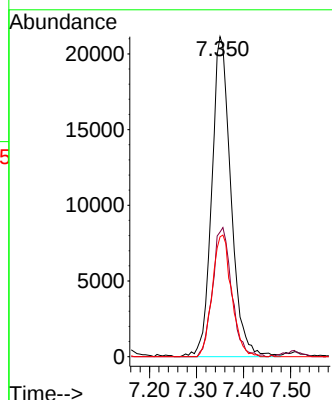
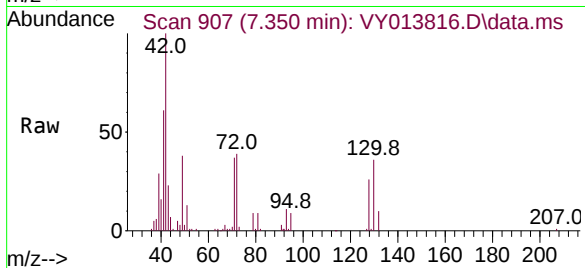
Tgt Ion: 42 Resp: 59893

Ion Ratio Lower Upper

42 100

72 40.1 30.7 46.1

71 38.3 29.0 43.6



#30

Chloroform

Concen: 19.727 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013816.D

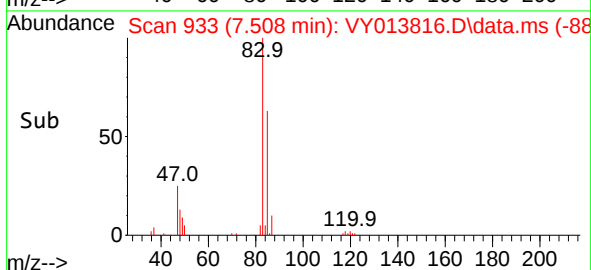
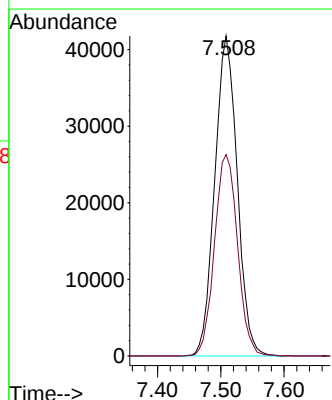
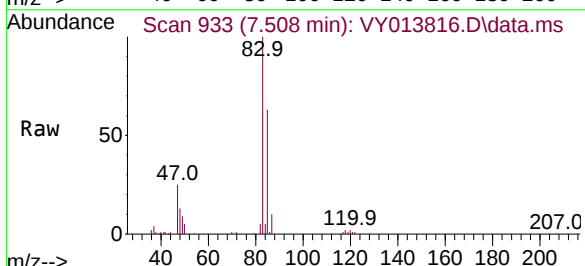
Acq: 19 May 2023 13:15

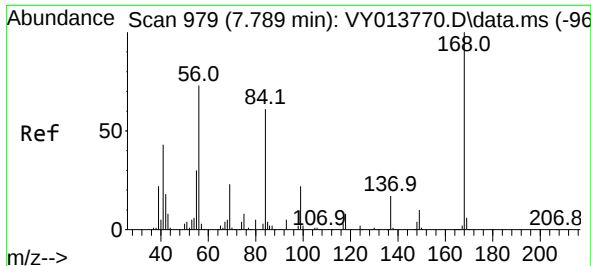
Tgt Ion: 83 Resp: 103068

Ion Ratio Lower Upper

83 100

85 63.0 50.5 75.7

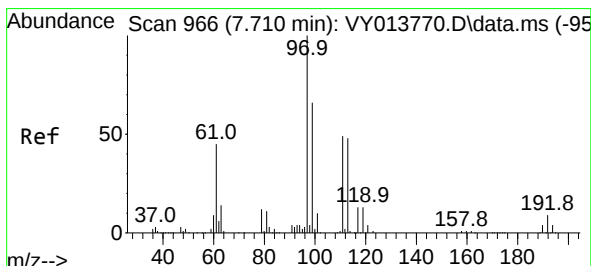
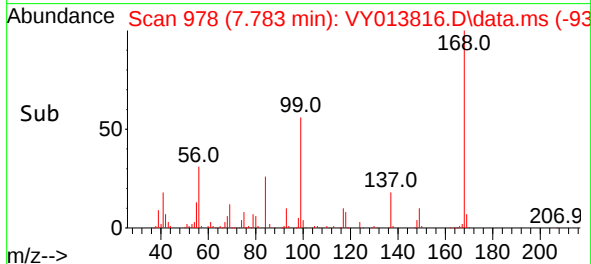
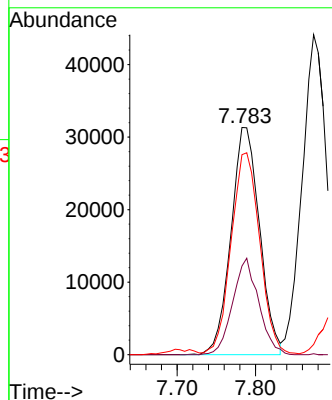
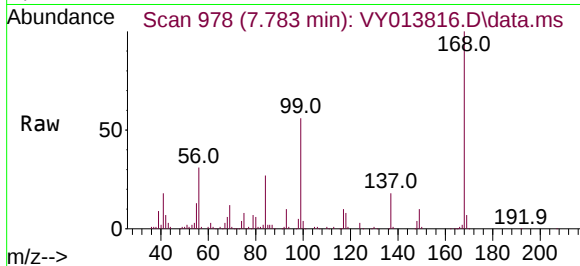




#31
Cyclohexane
Concen: 17.690 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

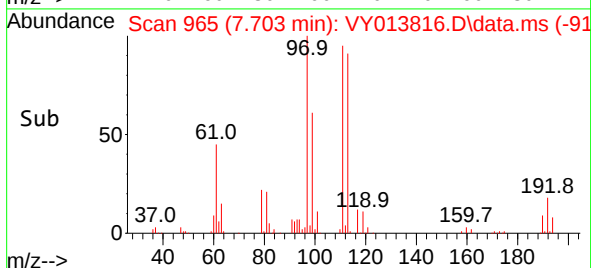
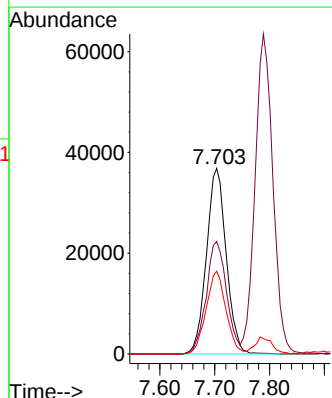
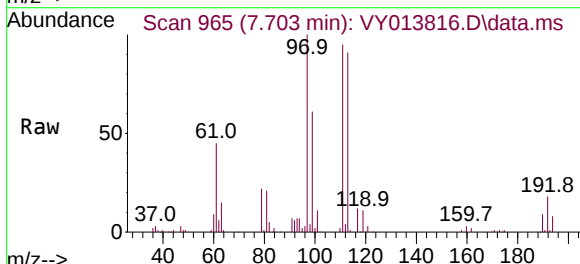
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

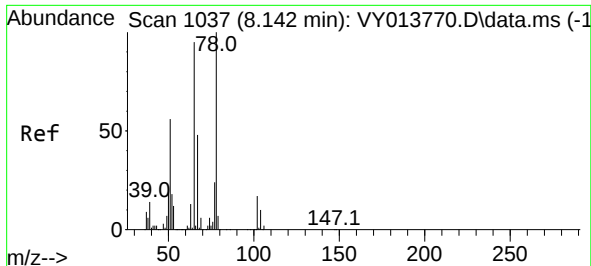
Tgt Ion: 56 Resp: 79474
Ion Ratio Lower Upper
56 100
69 38.5 25.8 38.6
84 85.8 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 20.641 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 97 Resp: 92055
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 45.0 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.008 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

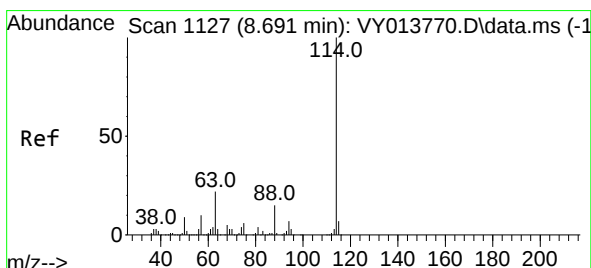
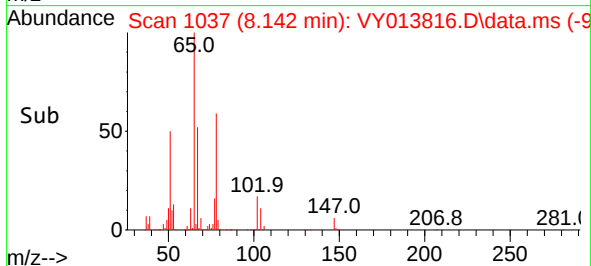
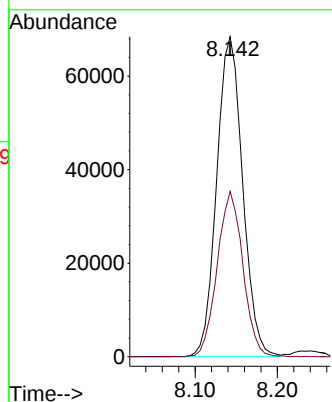
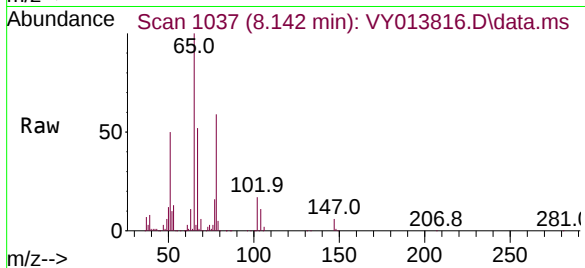
VY0519SBS01

Tgt Ion: 65 Resp: 150428

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

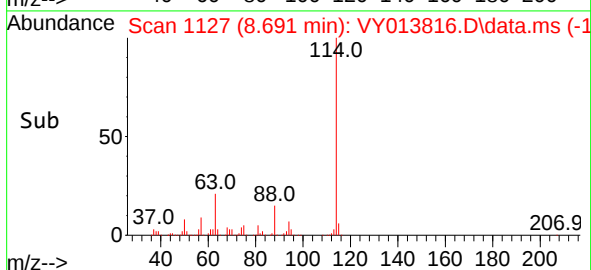
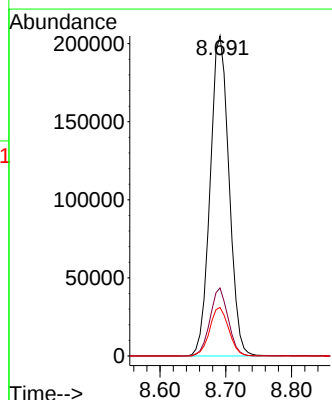
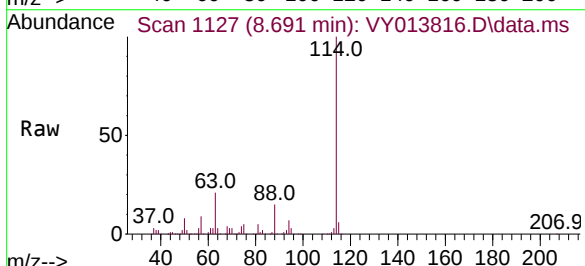
Tgt Ion: 114 Resp: 408779

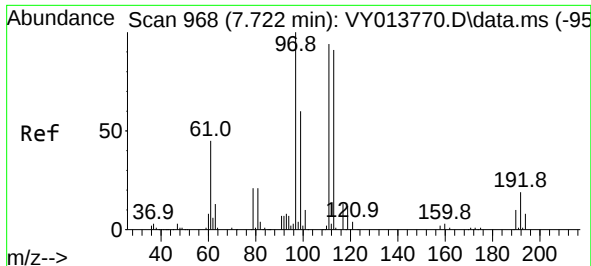
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 15.2 0.0 30.8

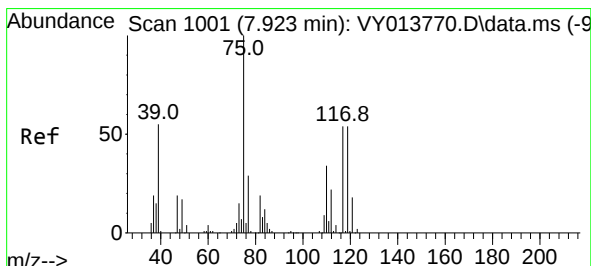
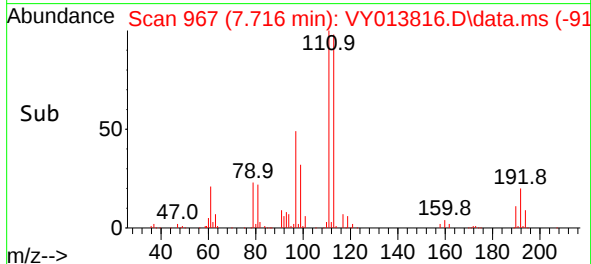
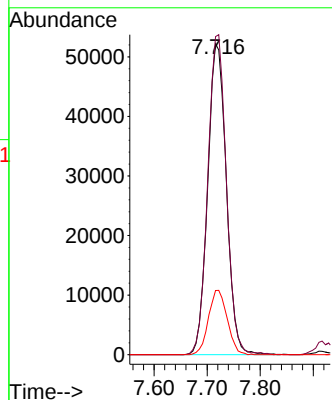
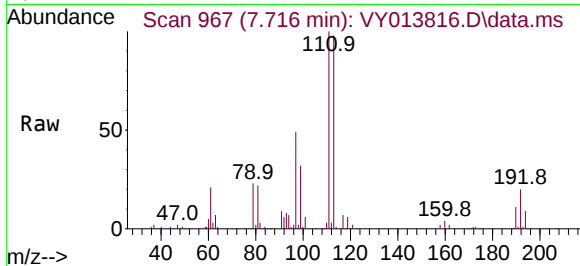




#35
Dibromofluoromethane
Concen: 48.567 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

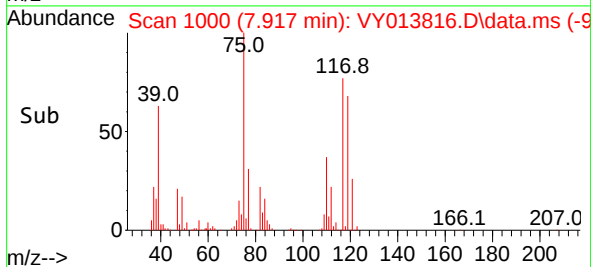
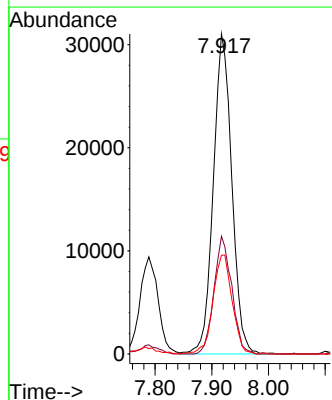
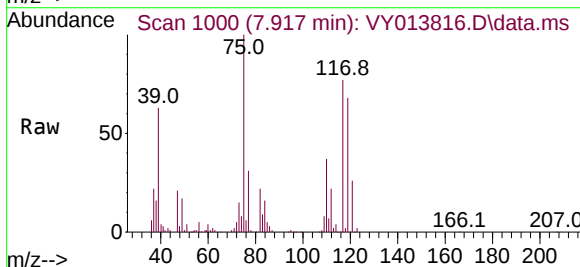
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

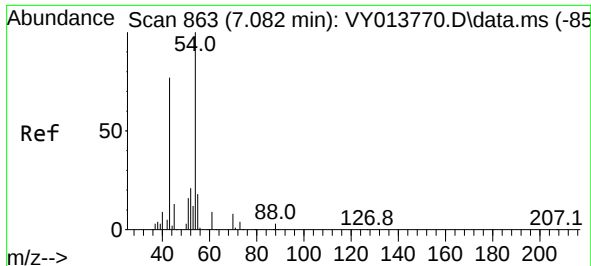
Tgt Ion:113 Resp: 127309
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 19.421 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 75 Resp: 70341
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.7
77 32.0 24.6 36.8

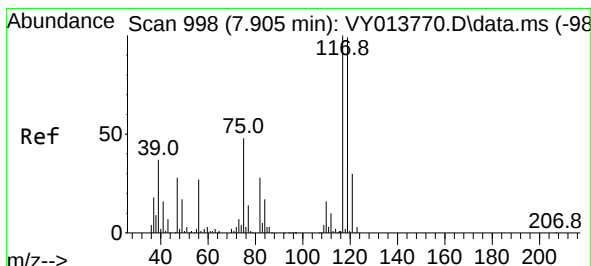
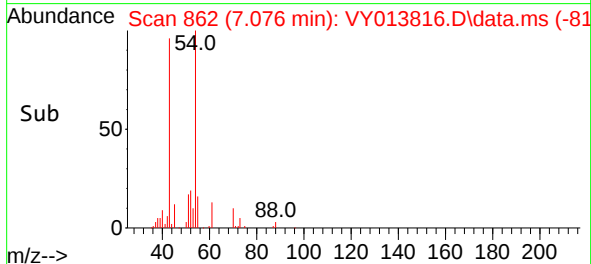
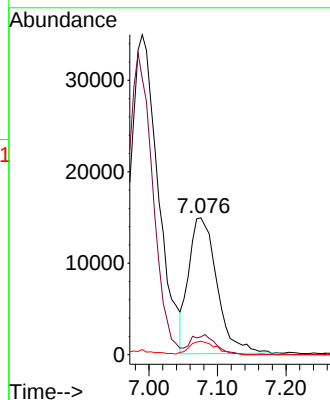
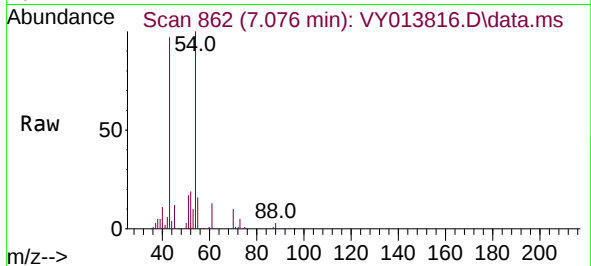




#37
Ethyl Acetate
Concen: 17.117 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

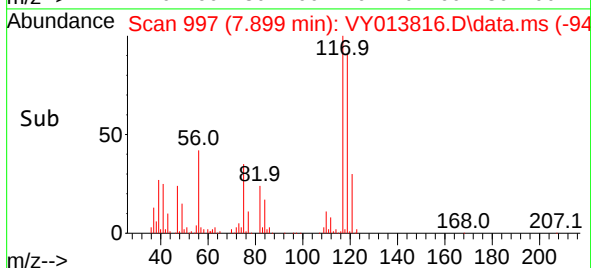
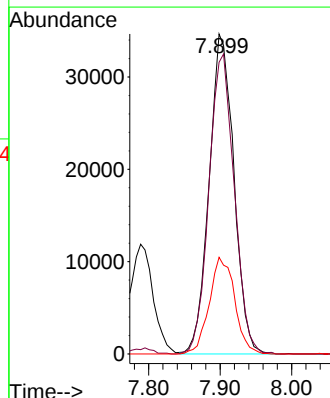
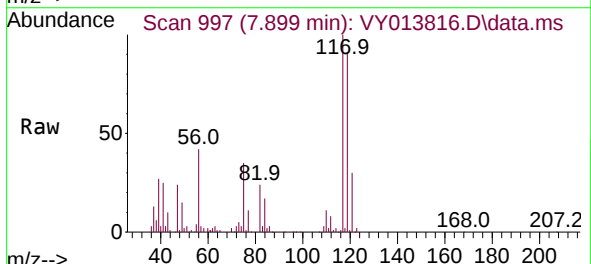
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

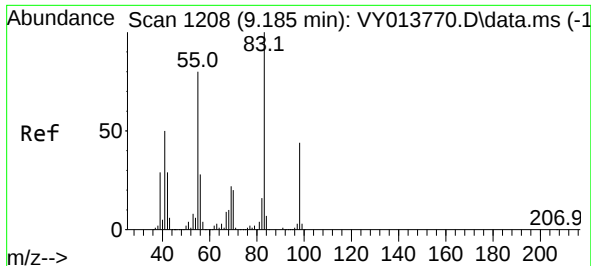
Tgt Ion: 43 Resp: 42645
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.816 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 117 Resp: 83357
Ion Ratio Lower Upper
117 100
119 91.2 79.0 118.6
121 30.2 24.1 36.1





#39

Methylcyclohexane

Concen: 19.243 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

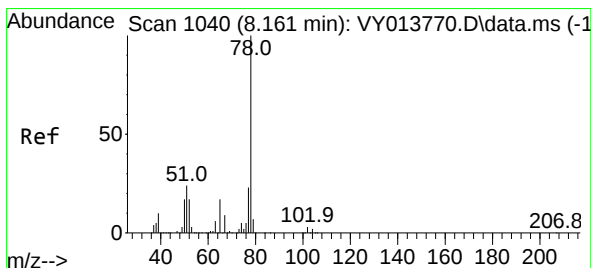
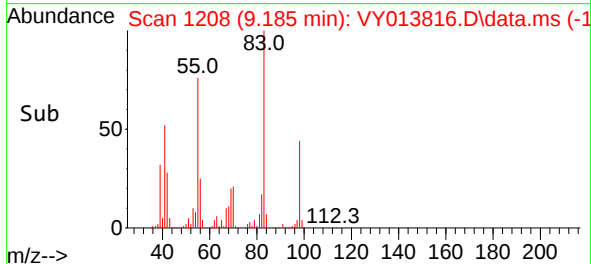
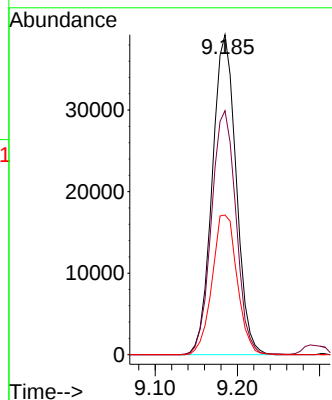
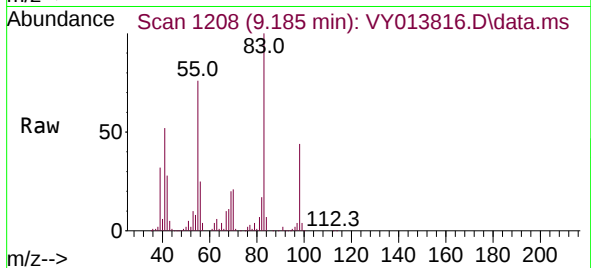
Tgt Ion: 83 Resp: 79215

Ion Ratio Lower Upper

83 100

55 76.3 63.7 95.5

98 43.6 35.0 52.6



#40

Benzene

Concen: 19.392 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013816.D

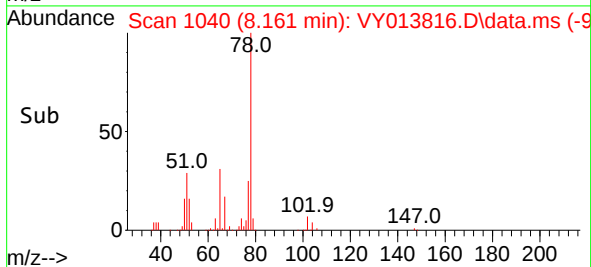
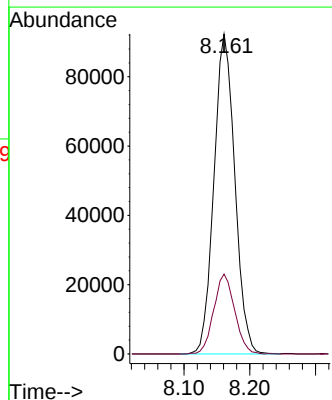
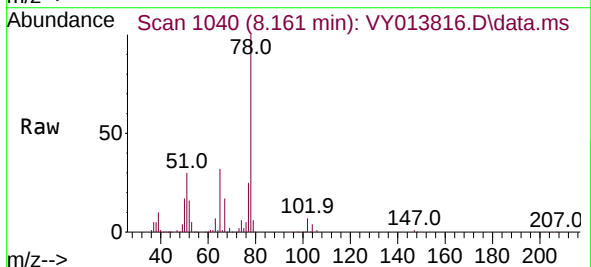
Acq: 19 May 2023 13:15

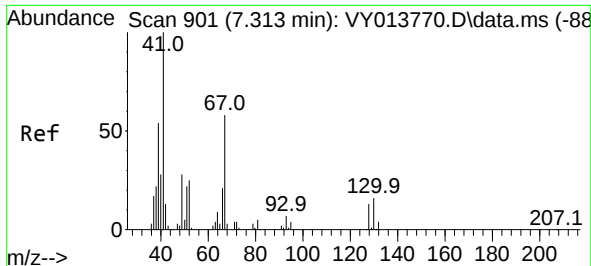
Tgt Ion: 78 Resp: 204107

Ion Ratio Lower Upper

78 100

77 25.0 18.6 27.8

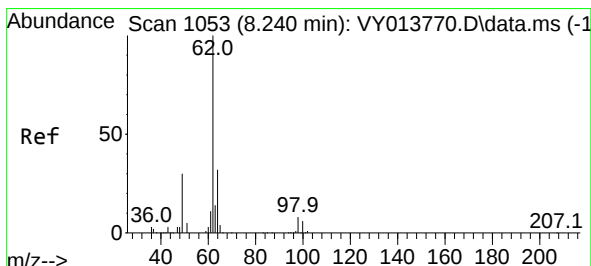
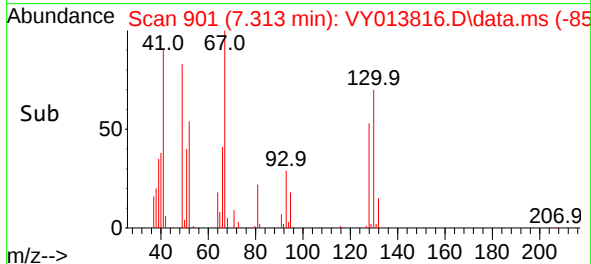
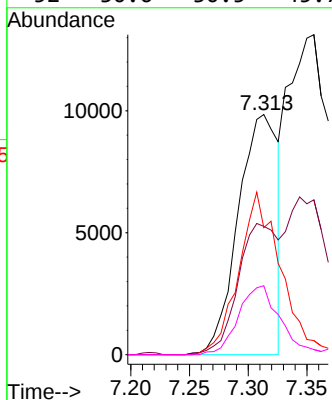
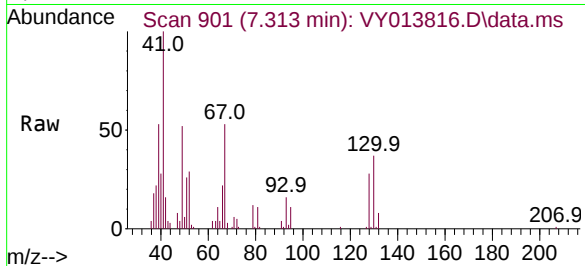




#41
Methacrylonitrile
Concen: 18.693 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

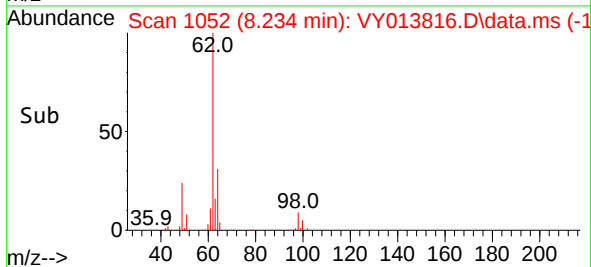
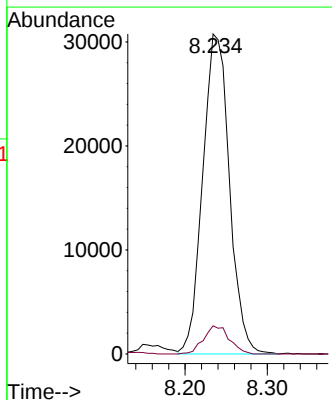
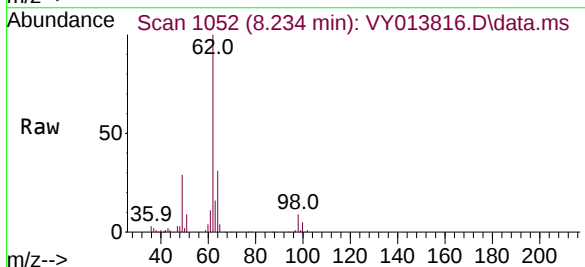
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

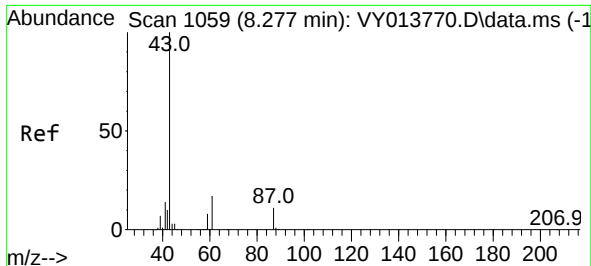
Tgt Ion: 41 Resp: 23143
Ion Ratio Lower Upper
41 100
39 54.3 59.5 89.3#
67 71.7 69.1 103.7
52 30.6 30.5 45.7



#42
1,2-Dichloroethane
Concen: 20.421 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 62 Resp: 69447
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.8

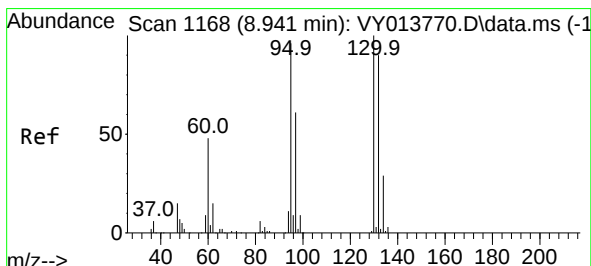
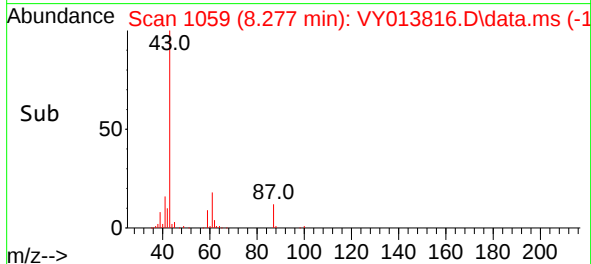
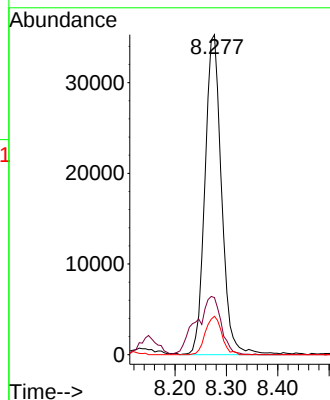
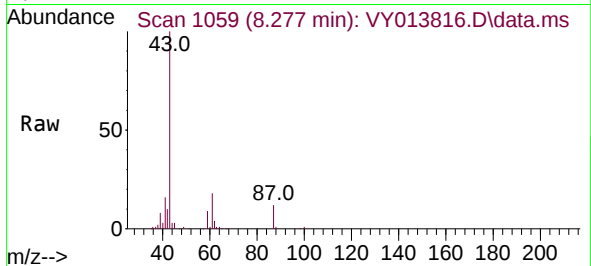




#43
Isopropyl Acetate
Concen: 17.466 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

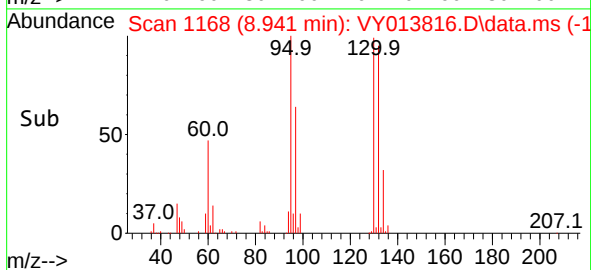
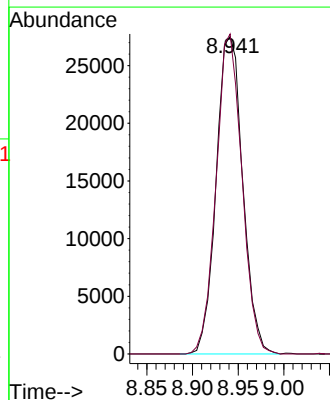
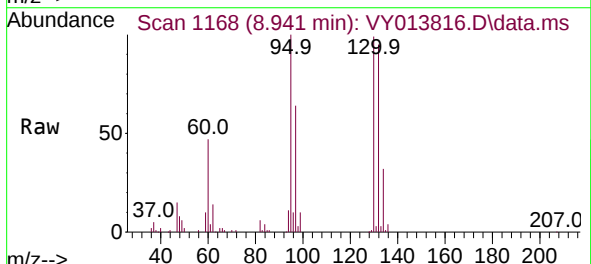
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

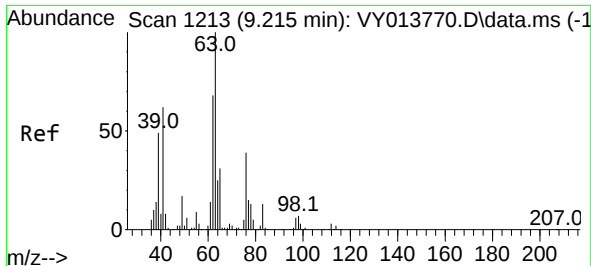
Tgt Ion: 43 Resp: 78978
Ion Ratio Lower Upper
43 100
61 27.4 20.6 31.0
87 11.8 9.0 13.6



#44
Trichloroethene
Concen: 20.201 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 130 Resp: 55582
Ion Ratio Lower Upper
130 100
95 100.8 0.0 193.0





#45

1,2-Dichloropropane

Concen: 18.495 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

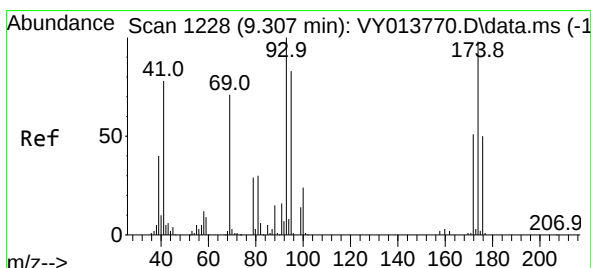
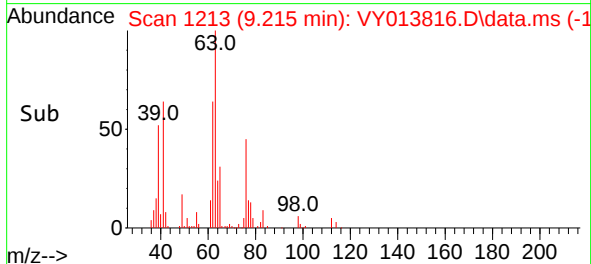
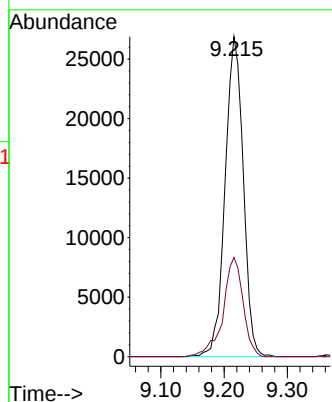
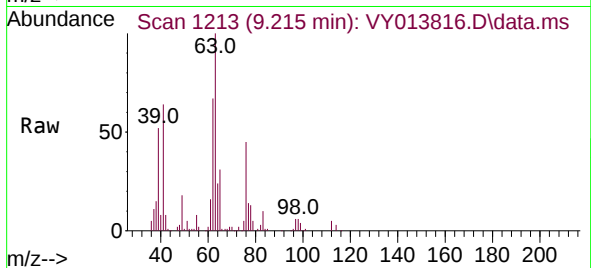
VY0519SBS01

Tgt Ion: 63 Resp: 53491

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 18.928 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

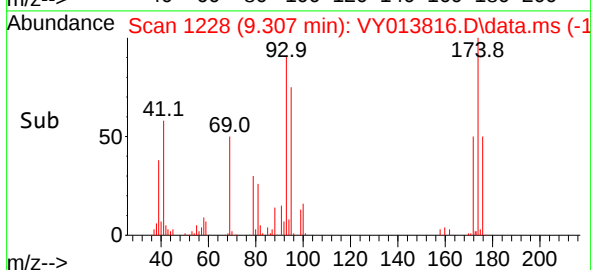
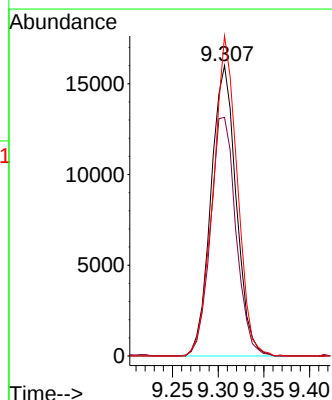
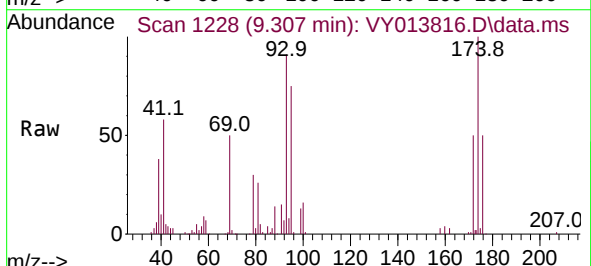
Tgt Ion: 93 Resp: 30660

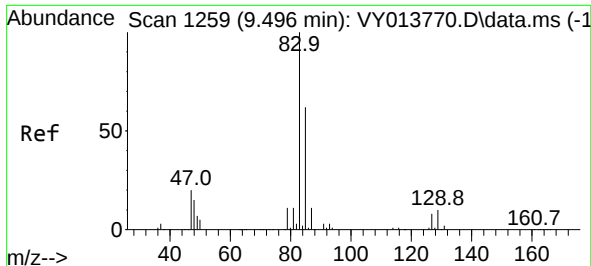
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 105.2 79.5 119.3

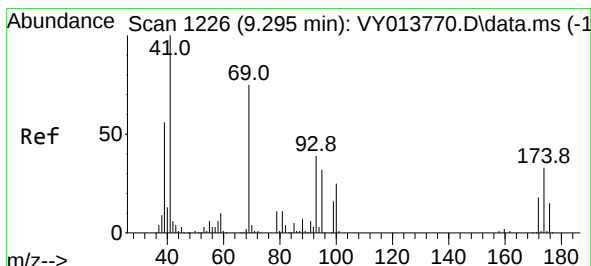
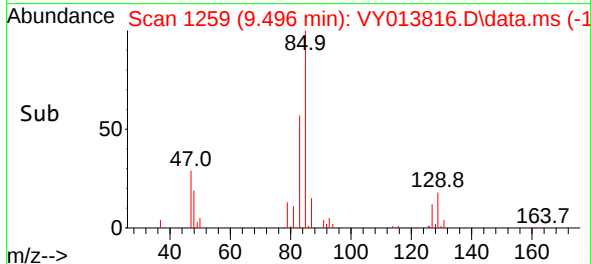
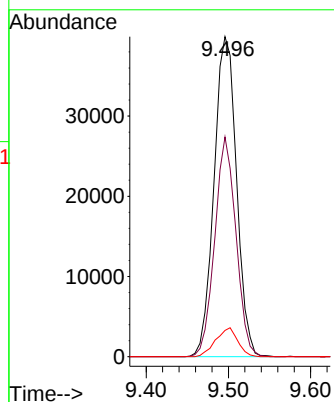
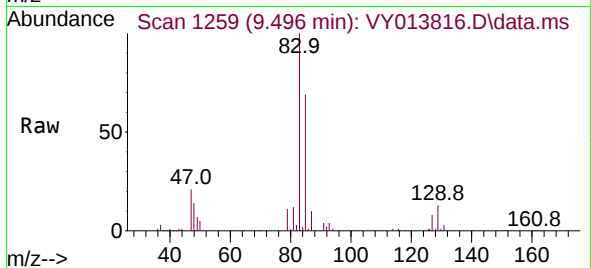




#47
Bromodichloromethane
Concen: 19.781 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

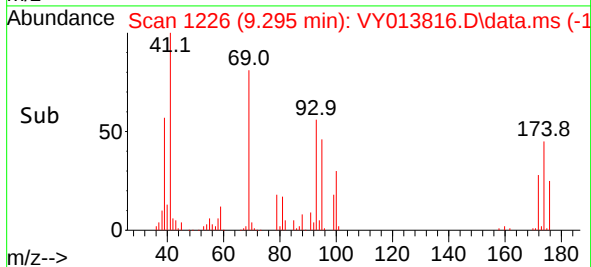
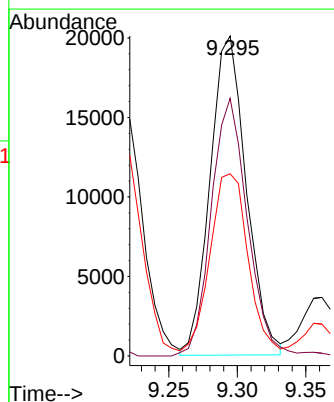
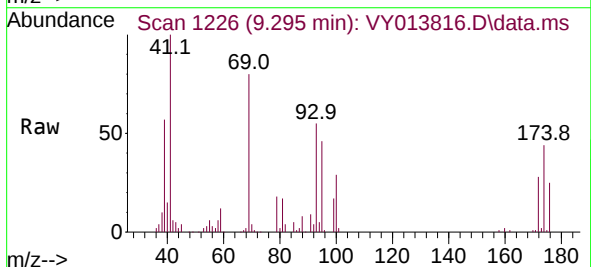
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

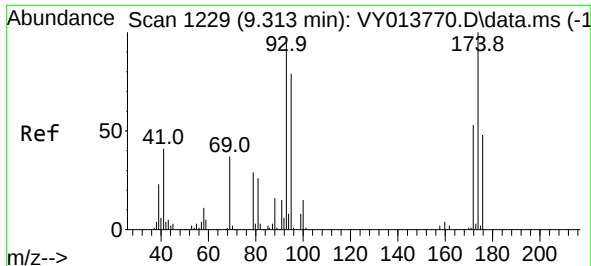
Tgt Ion: 83 Resp: 75882
Ion Ratio Lower Upper
83 100
85 68.7 49.6 74.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 17.766 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 41 Resp: 36903
Ion Ratio Lower Upper
41 100
69 81.3 63.0 94.6
39 60.3 46.2 69.2





#49

1,4-Dioxane

Concen: 353.618 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

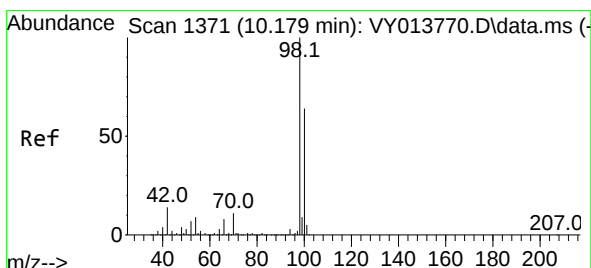
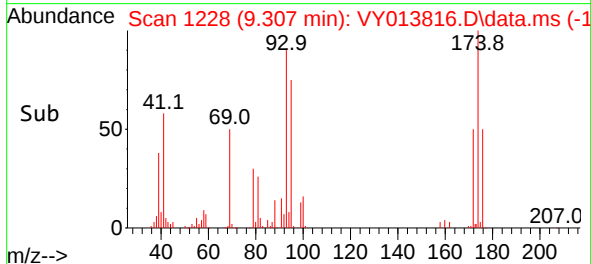
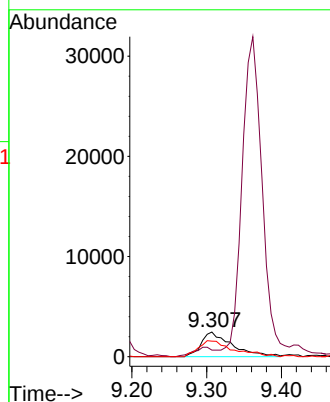
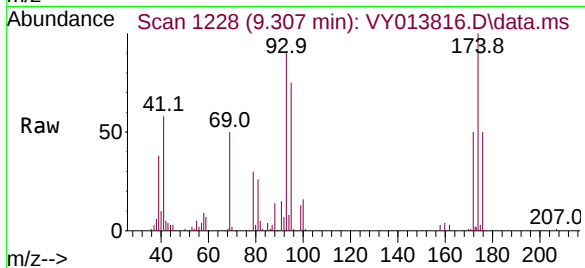
Tgt Ion: 88 Resp: 7030

Ion Ratio Lower Upper

88 100

43 29.4 26.1 39.1

58 73.8 62.2 93.2



#50

Toluene-d8

Concen: 49.032 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013816.D

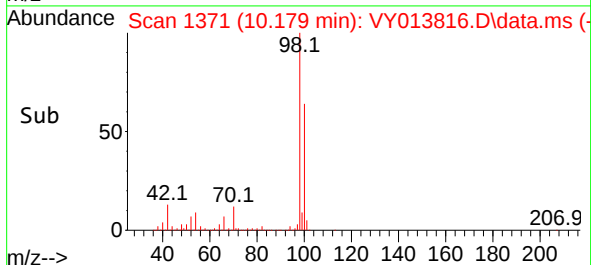
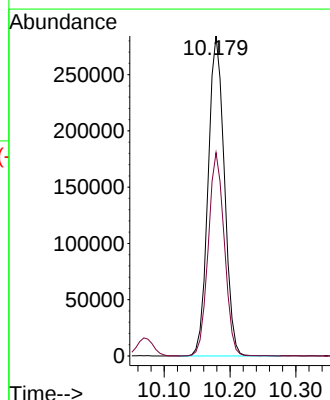
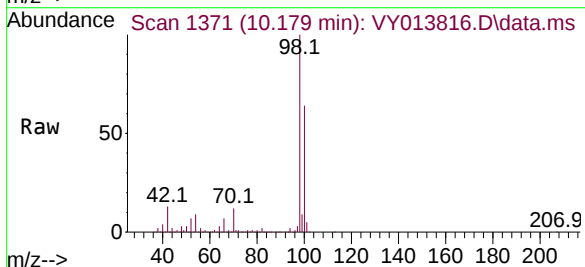
Acq: 19 May 2023 13:15

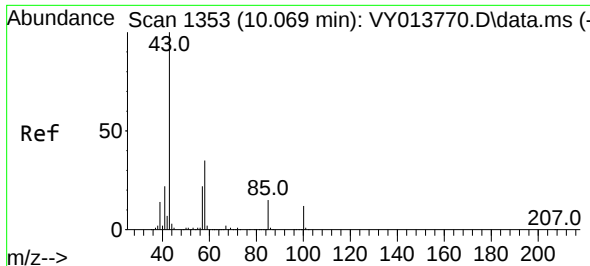
Tgt Ion: 98 Resp: 487267

Ion Ratio Lower Upper

98 100

100 62.9 51.0 76.6

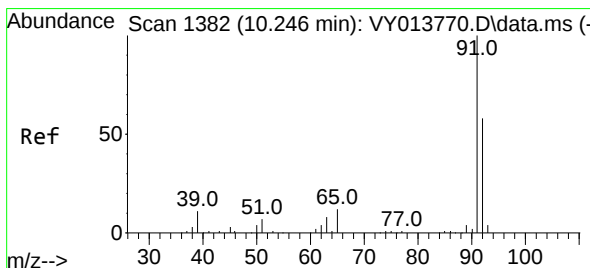
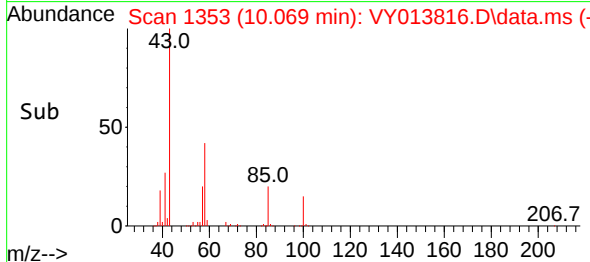
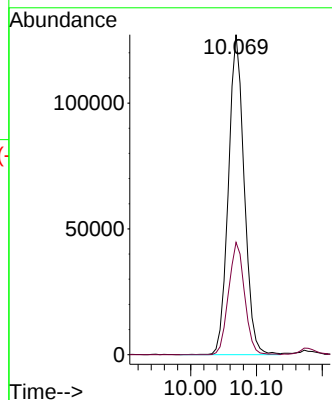
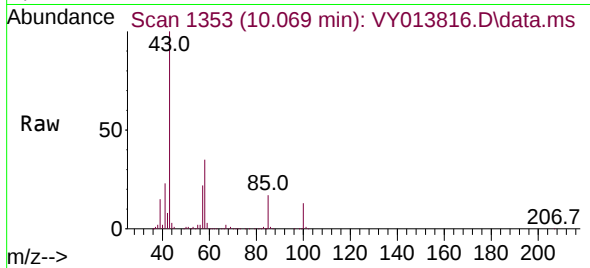




#51
4-Methyl-2-Pentanone
Concen: 84.342 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

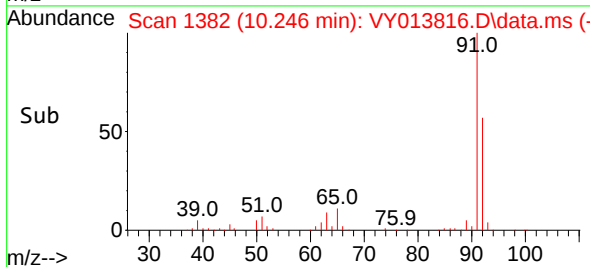
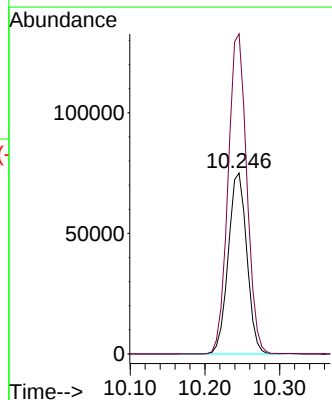
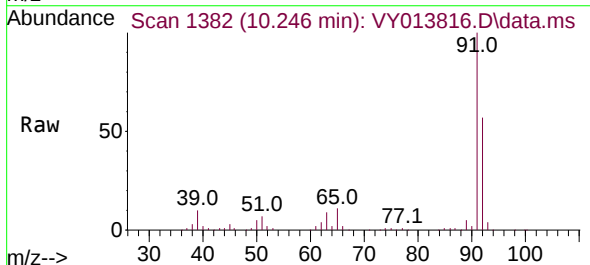
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

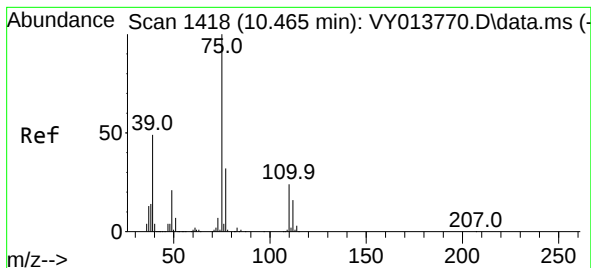
Tgt Ion: 43 Resp: 212383
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.2



#52
Toluene
Concen: 20.336 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 92 Resp: 129757
Ion Ratio Lower Upper
92 100
91 177.9 141.0 211.4

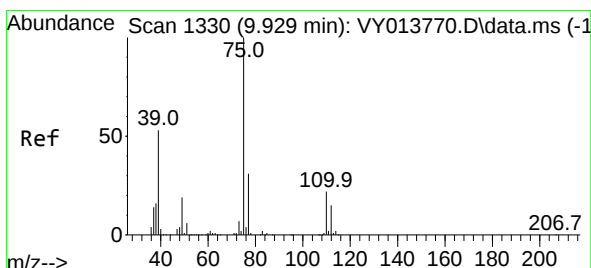
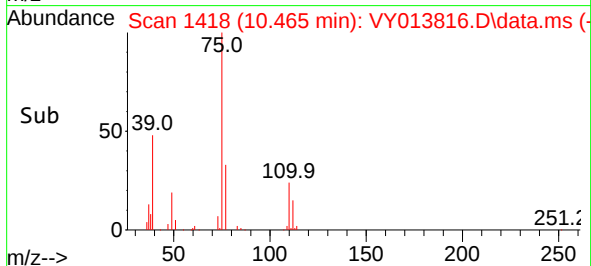
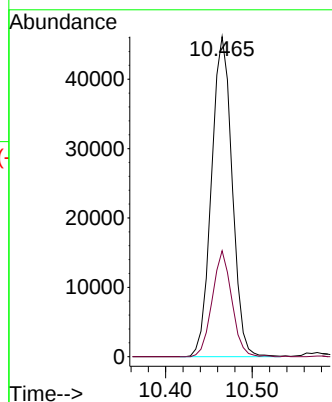
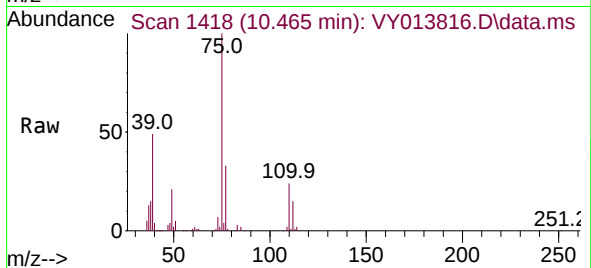




#53
t-1,3-Dichloropropene
Concen: 19.347 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

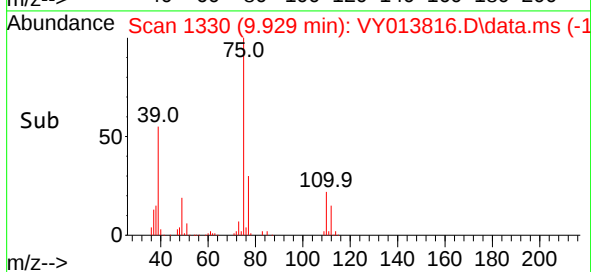
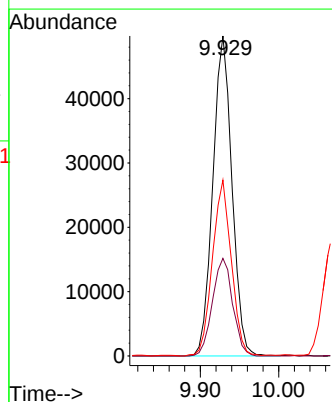
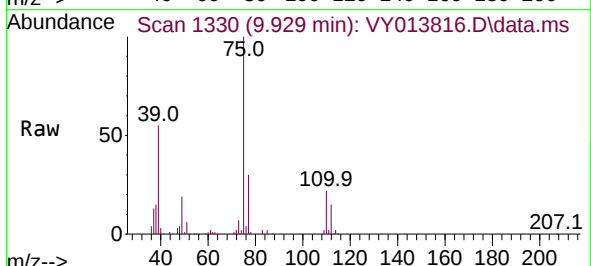
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

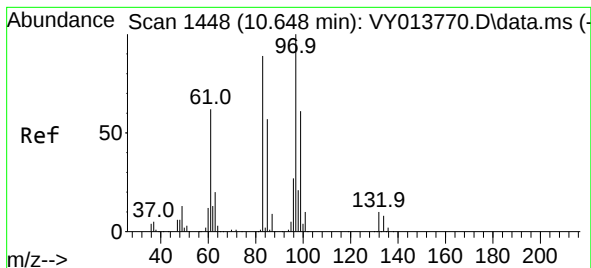
Tgt Ion: 75 Resp: 76519
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.113 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 75 Resp: 84343
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 55.0 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 19.523 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 97 Resp: 43011

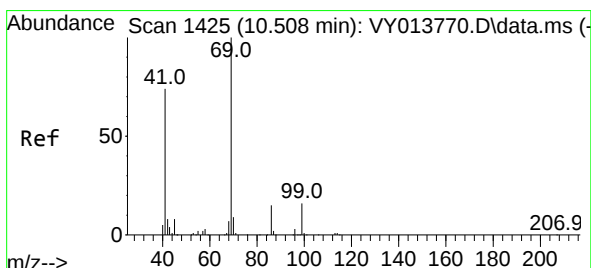
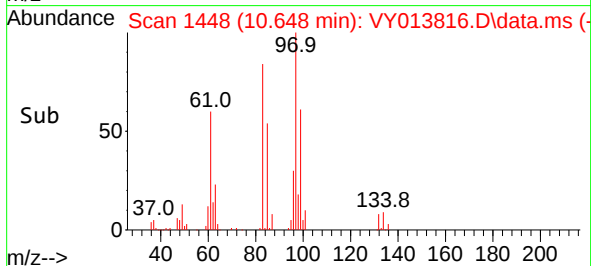
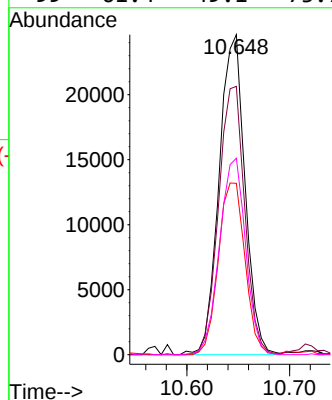
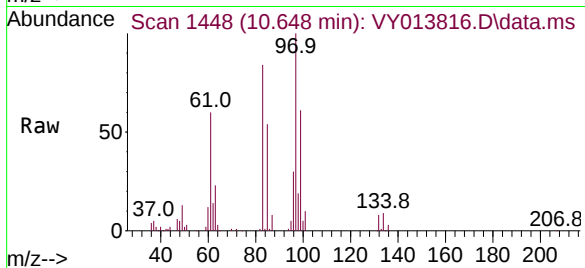
Ion Ratio Lower Upper

97 100

83 83.8 71.1 106.7

85 53.6 45.7 68.5

99 61.4 49.1 73.7



#56

Ethyl methacrylate

Concen: 17.968 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

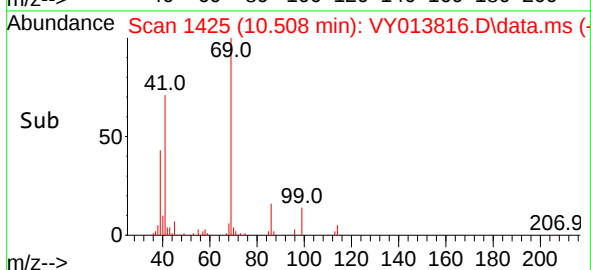
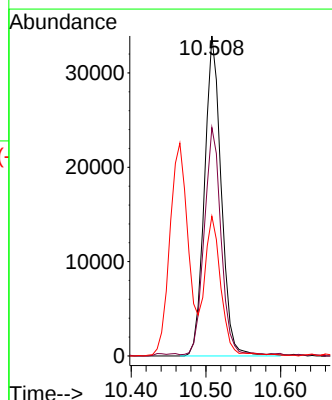
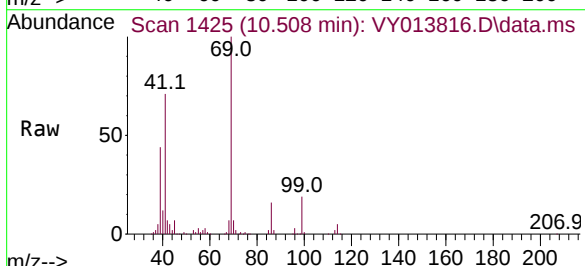
Tgt Ion: 69 Resp: 52827

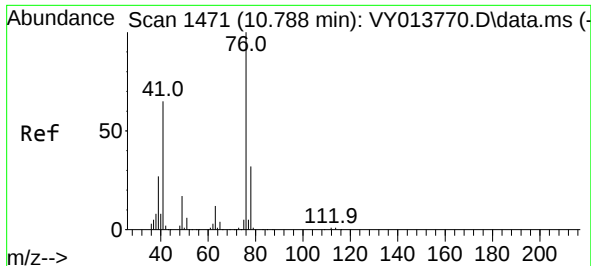
Ion Ratio Lower Upper

69 100

41 71.1 58.3 87.5

39 41.8 31.8 47.8





#57

1,3-Dichloropropane

Concen: 19.079 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

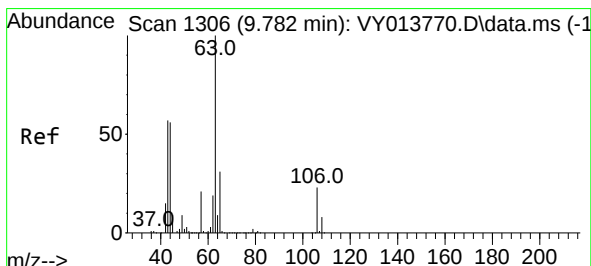
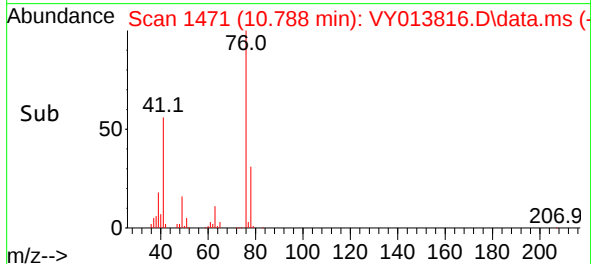
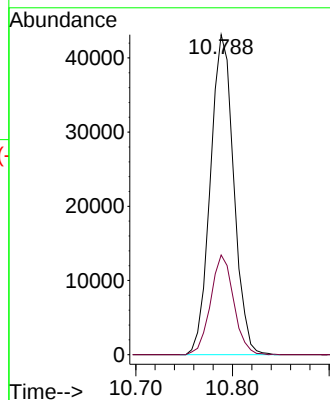
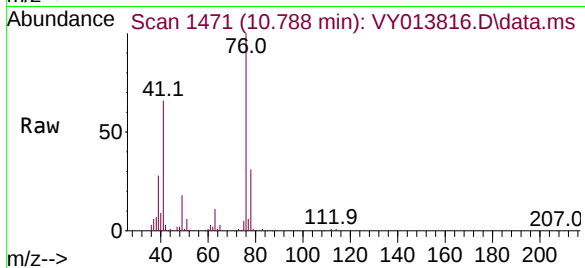
VY0519SBS01

Tgt Ion: 76 Resp: 72311

Ion Ratio Lower Upper

76 100

78 30.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.542 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013816.D

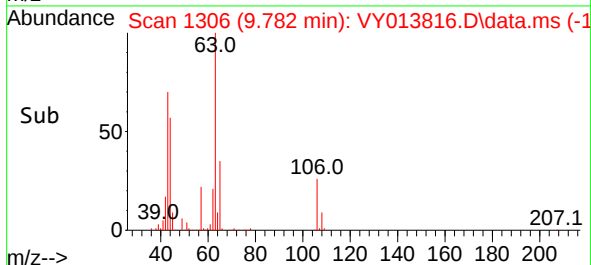
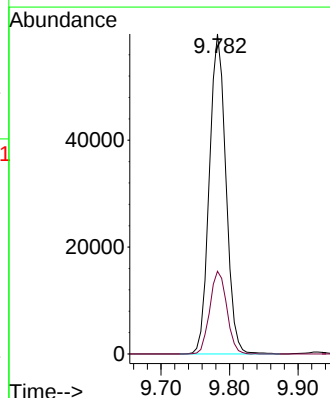
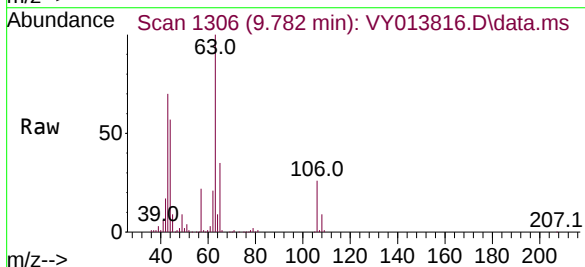
Acq: 19 May 2023 13:15

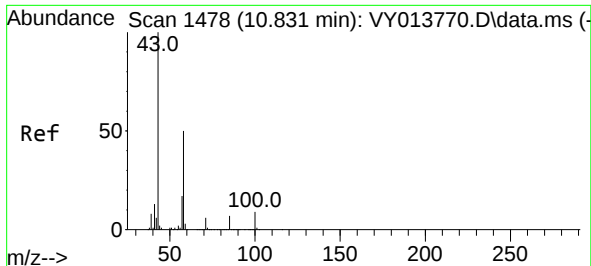
Tgt Ion: 63 Resp: 100704

Ion Ratio Lower Upper

63 100

106 26.4 19.7 29.5





#59

2-Hexanone

Concen: 84.218 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

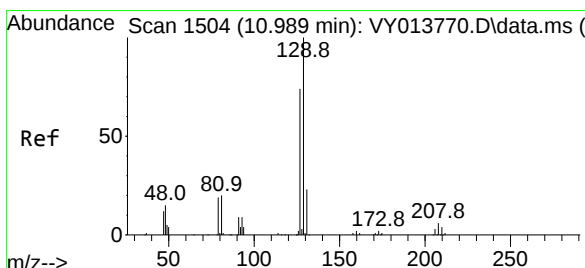
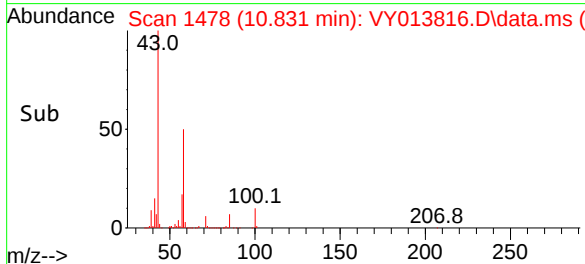
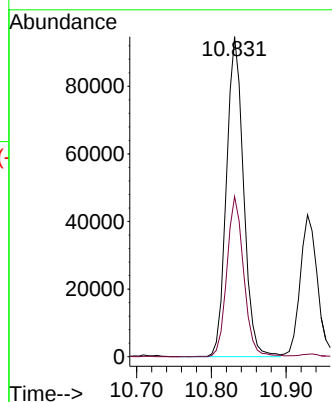
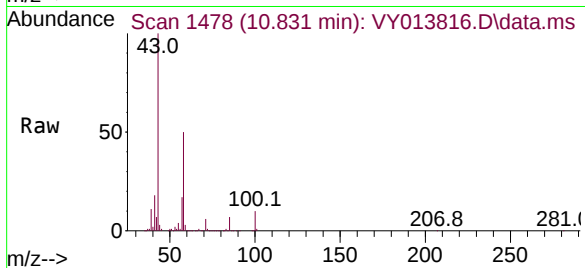
VY0519SBS01

Tgt Ion: 43 Resp: 150744

Ion Ratio Lower Upper

43 100

58 49.3 24.8 74.4



#60

Dibromochloromethane

Concen: 20.441 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.006 min

Lab File: VY013816.D

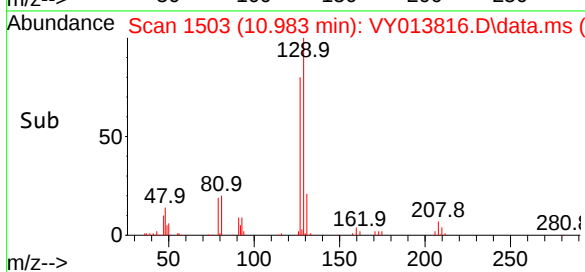
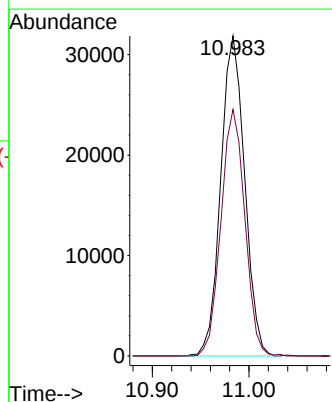
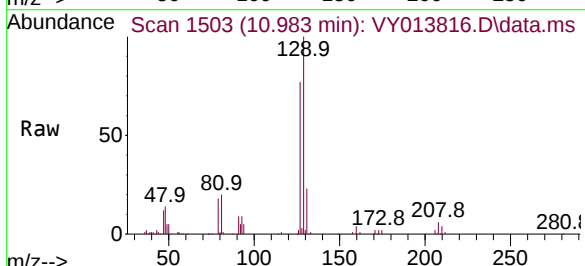
Acq: 19 May 2023 13:15

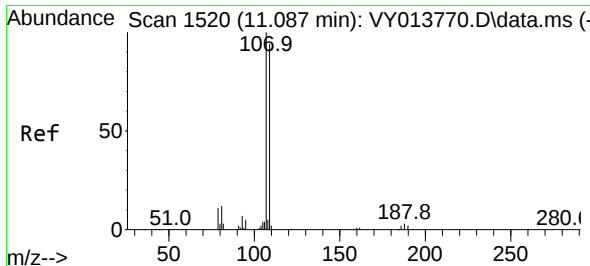
Tgt Ion: 129 Resp: 54567

Ion Ratio Lower Upper

129 100

127 76.8 38.6 115.7

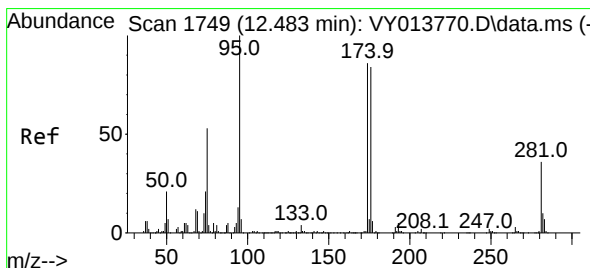
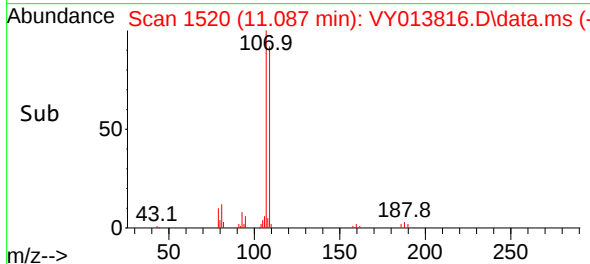
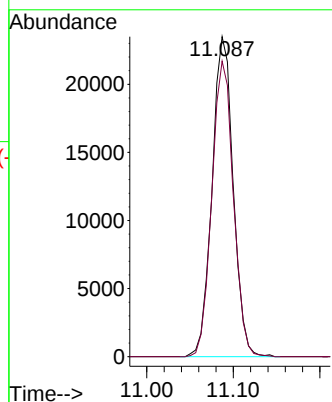
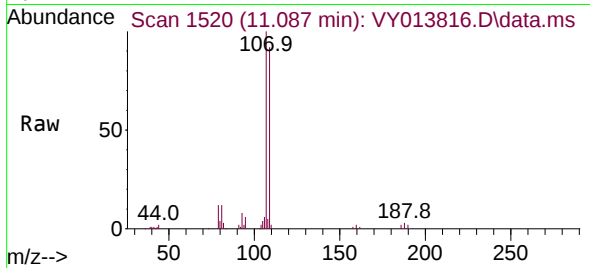




#61
1,2-Dibromoethane
Concen: 19.155 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

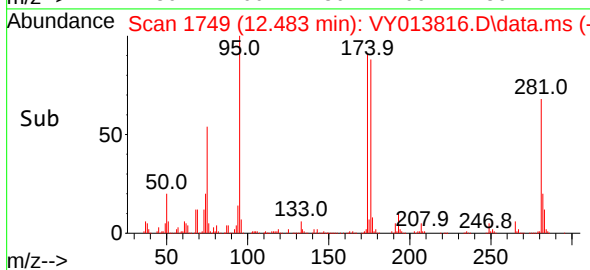
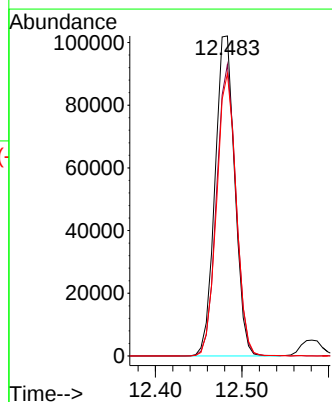
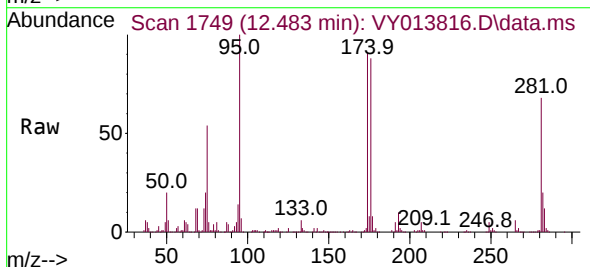
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

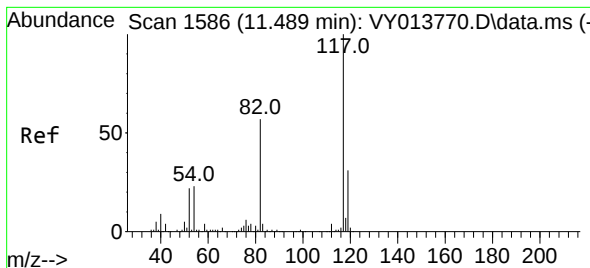
Tgt Ion:107 Resp: 39795
Ion Ratio Lower Upper
107 100
109 94.0 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 95 Resp: 161876
Ion Ratio Lower Upper
95 100
174 89.1 0.0 168.8
176 87.3 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

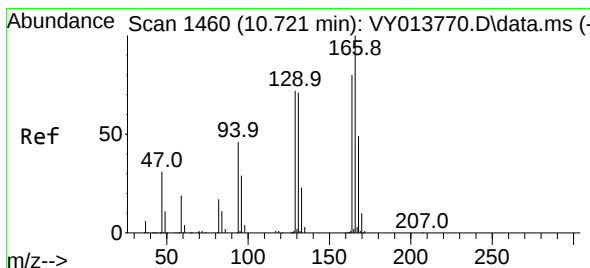
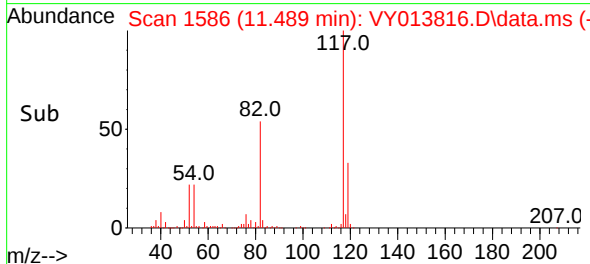
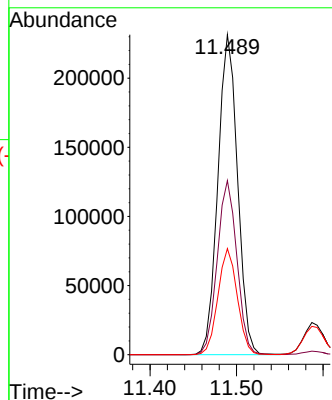
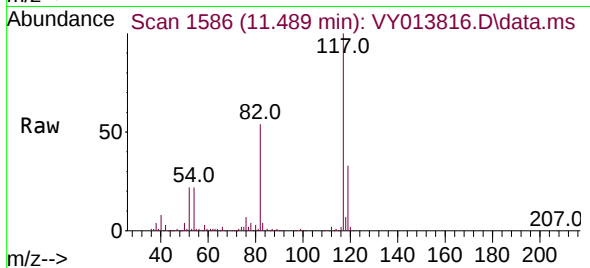
Tgt Ion:117 Resp: 365102

Ion Ratio Lower Upper

117 100

82 54.4 45.5 68.3

119 33.2 24.8 37.2



#64

Tetrachloroethene

Concen: 21.085 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Tgt Ion:164 Resp: 48834

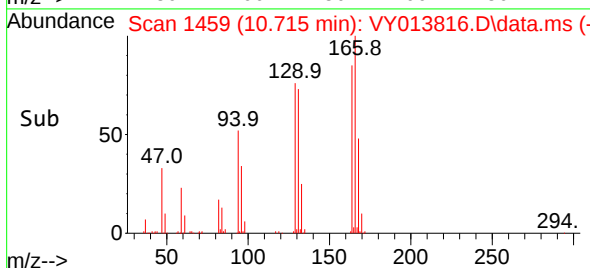
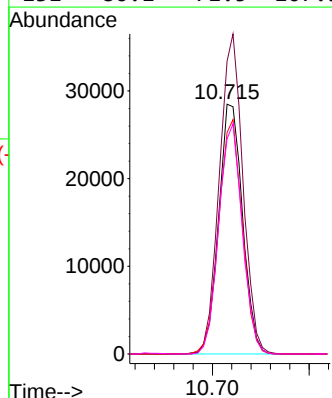
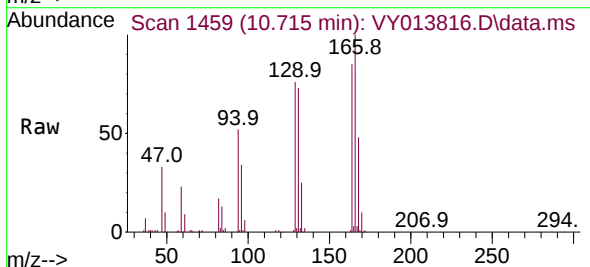
Ion Ratio Lower Upper

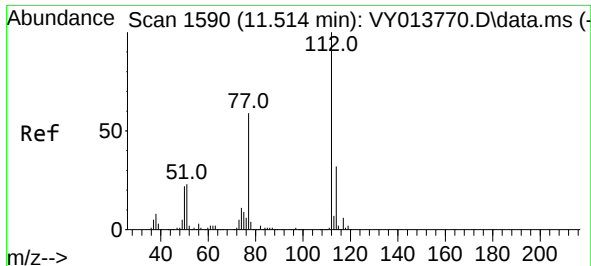
164 100

166 117.3 100.5 150.7

129 88.7 72.5 108.7

131 86.1 71.5 107.3

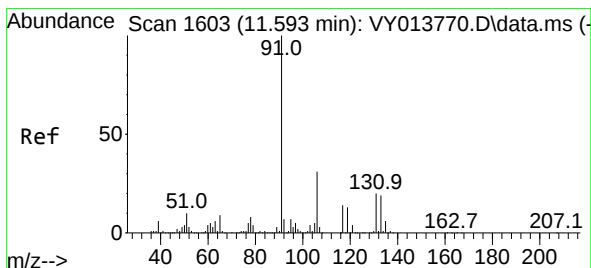
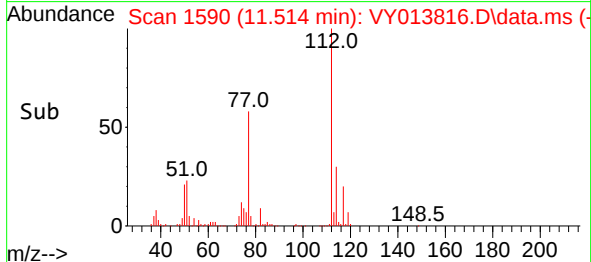
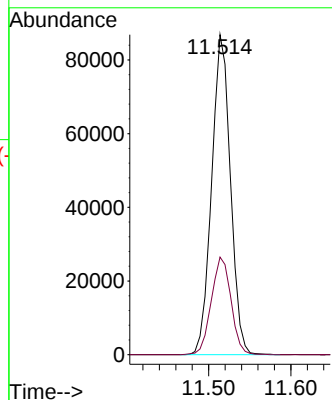
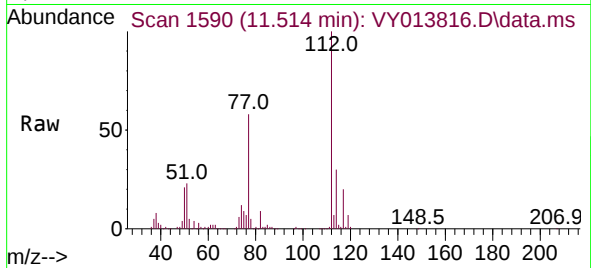




#65
Chlorobenzene
Concen: 19.921 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

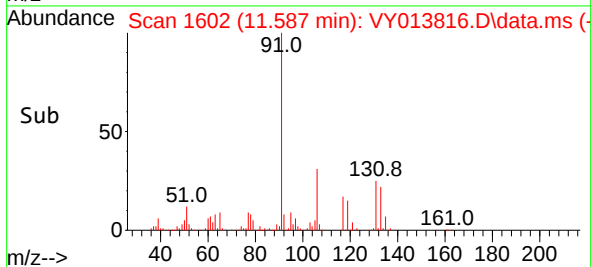
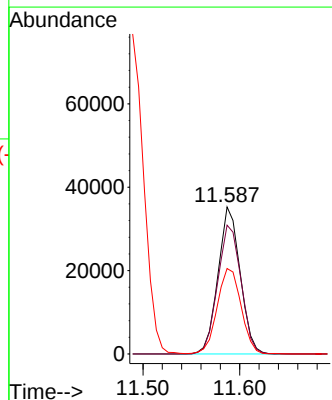
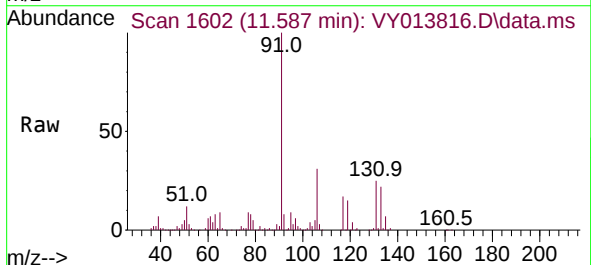
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

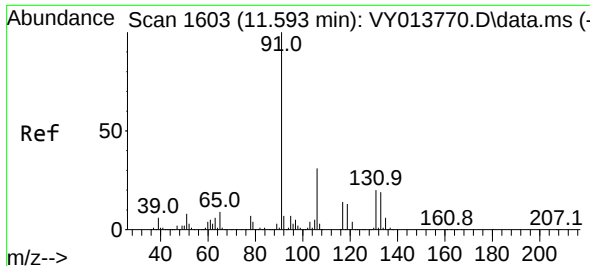
Tgt Ion:112 Resp: 137664
Ion Ratio Lower Upper
112 100
114 30.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.837 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion:131 Resp: 55951
Ion Ratio Lower Upper
131 100
133 92.4 47.8 143.4
119 62.9 32.9 98.7

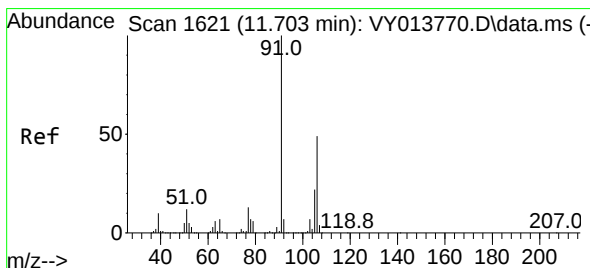
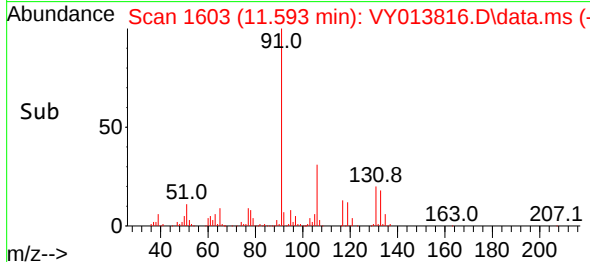
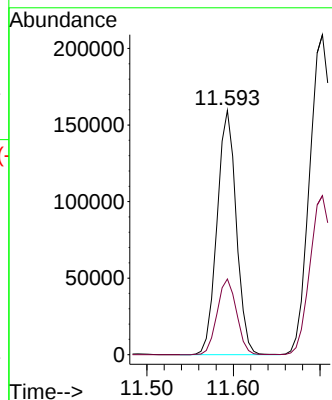
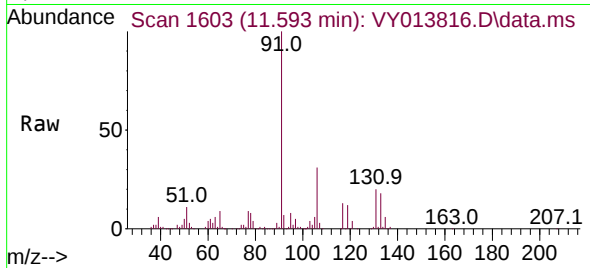




#67
Ethyl Benzene
Concen: 19.978 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

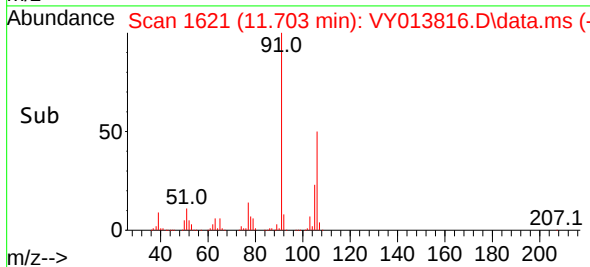
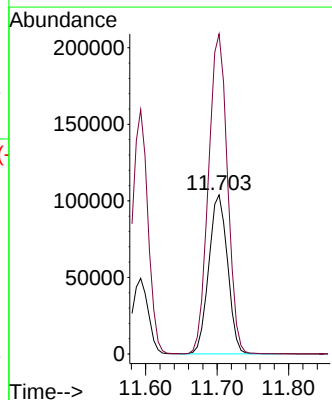
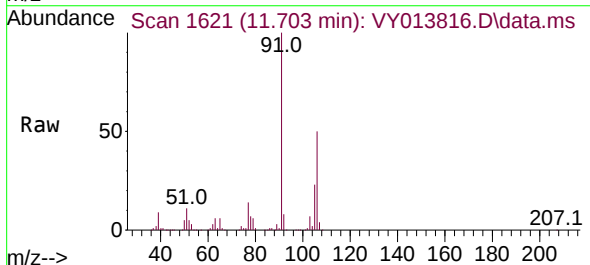
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

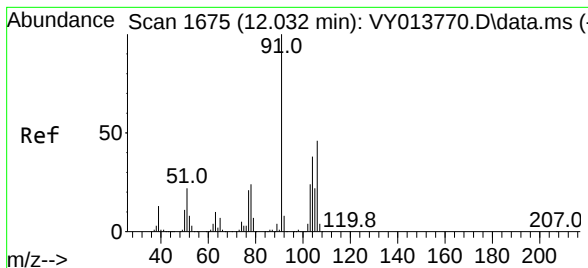
Tgt Ion: 91 Resp: 245329
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 41.193 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 106 Resp: 189461
Ion Ratio Lower Upper
106 100
91 203.1 164.0 246.0

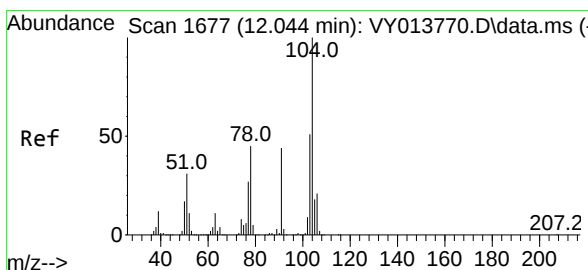
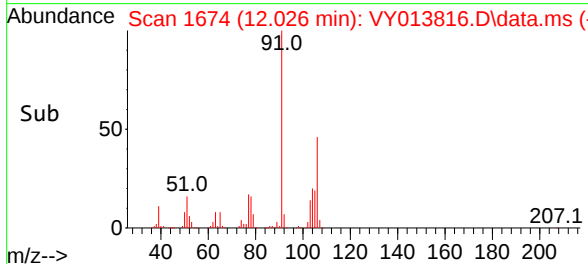
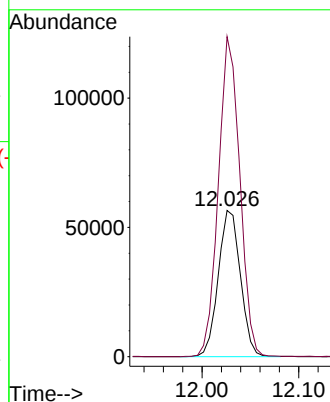
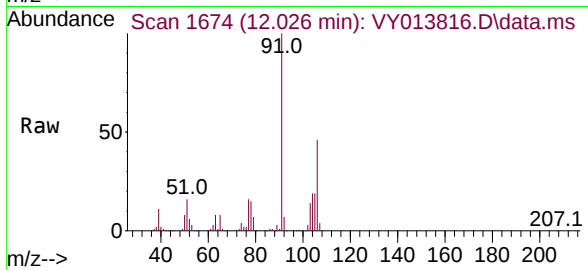




#69
o-Xylene
Concen: 20.572 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

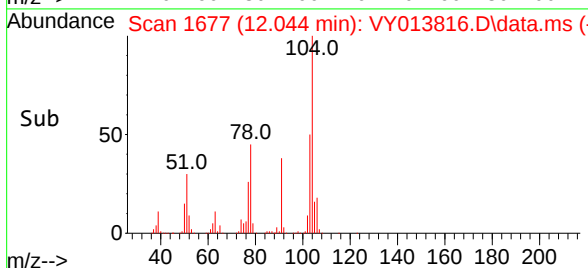
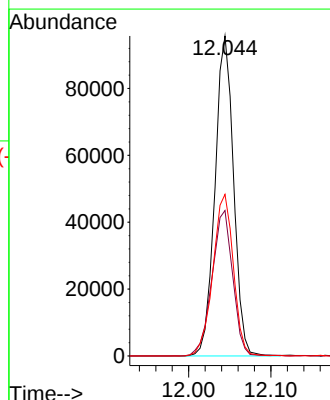
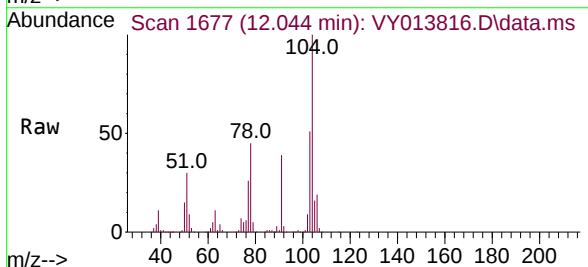
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

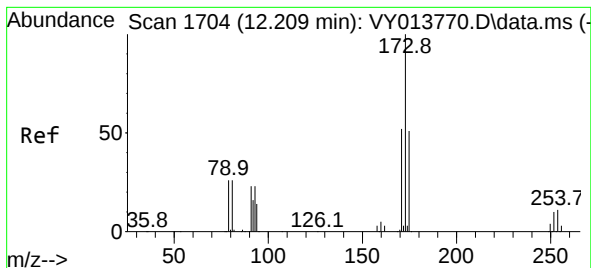
Tgt Ion:106 Resp: 90006
Ion Ratio Lower Upper
106 100
91 212.0 108.4 325.2



#70
Styrene
Concen: 20.282 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion:104 Resp: 150715
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 55.4 44.6 66.8





#71

Bromoform

Concen: 19.800 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBSD01

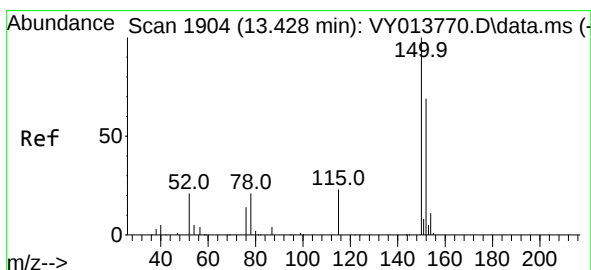
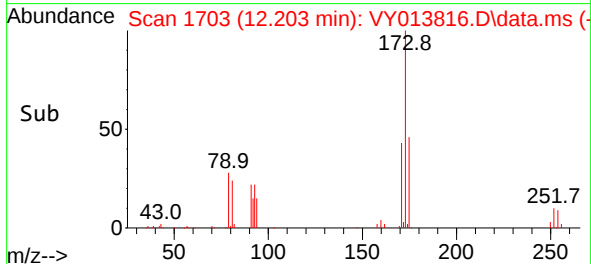
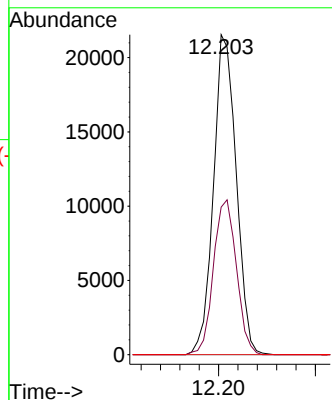
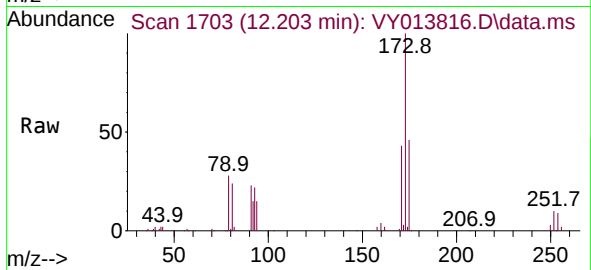
Tgt Ion:173 Resp: 35124

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

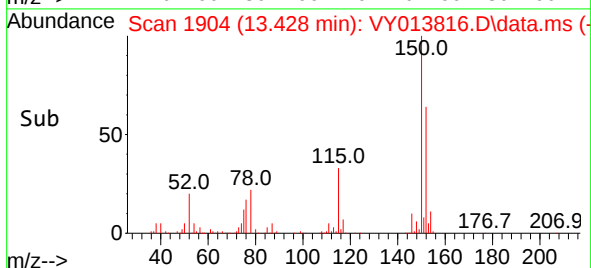
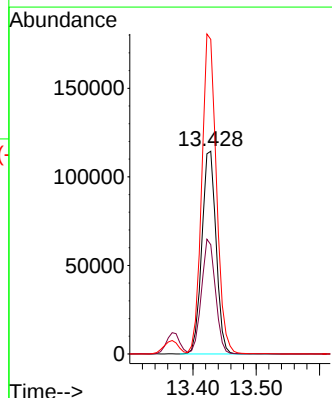
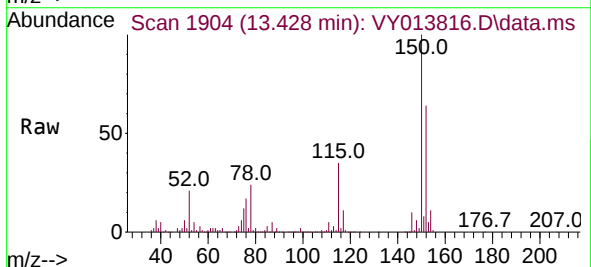
Tgt Ion:152 Resp: 179745

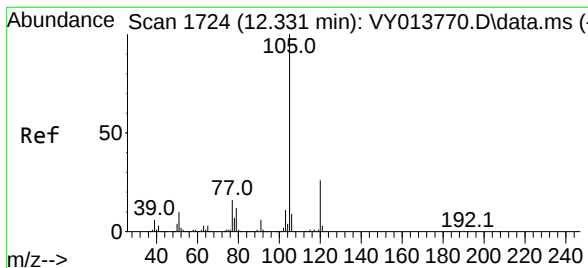
Ion Ratio Lower Upper

152 100

115 55.5 28.5 85.5

150 162.3 0.0 347.0





#73

Isopropylbenzene

Concen: 19.571 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

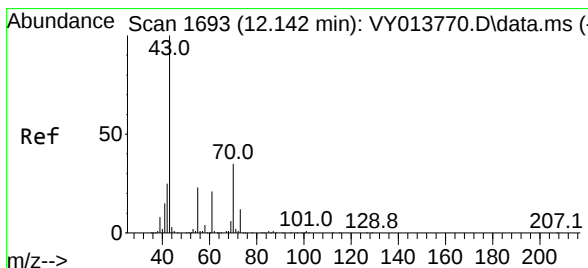
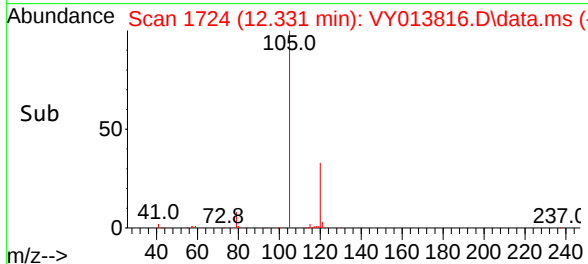
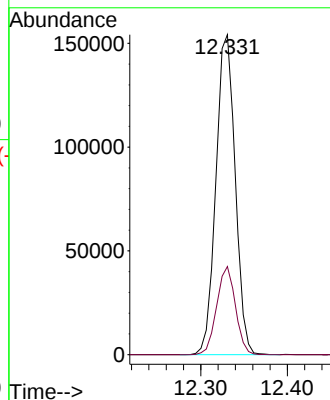
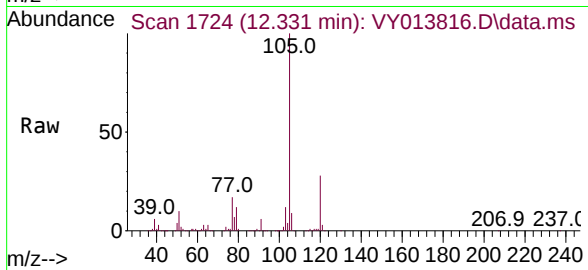
VY0519SBS01

Tgt Ion:105 Resp: 238157

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 16.257 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Tgt Ion: 43 Resp: 67135

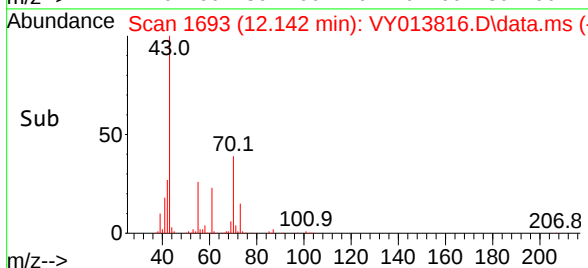
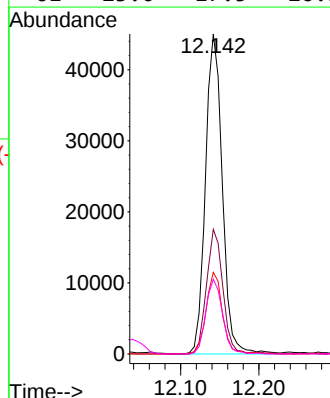
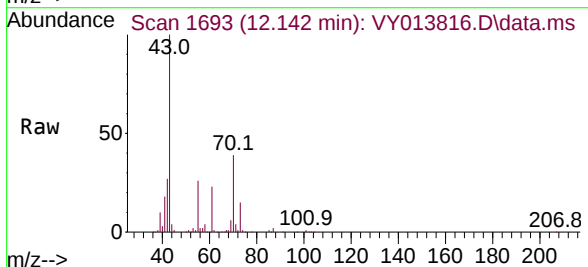
Ion Ratio Lower Upper

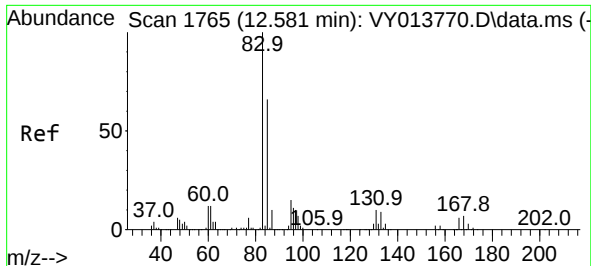
43 100

70 38.2 28.8 43.2

55 25.0 18.5 27.7

61 23.0 17.5 26.3

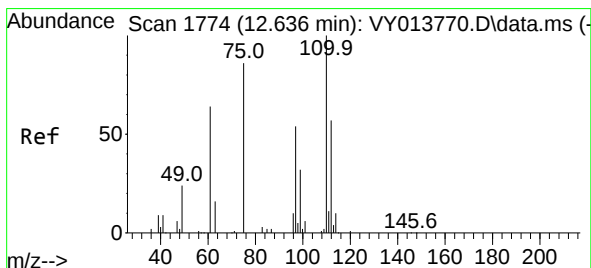
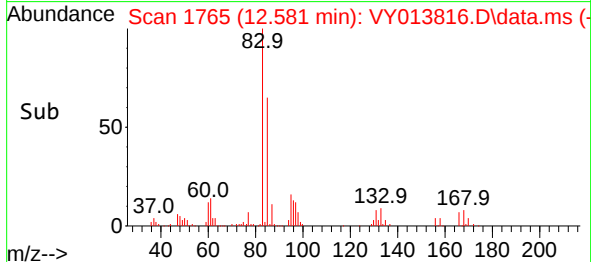
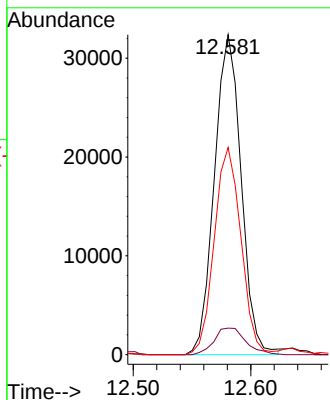
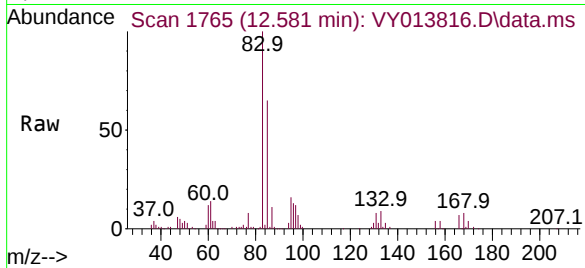




#75
1,1,2,2-Tetrachloroethane
Concen: 17.801 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

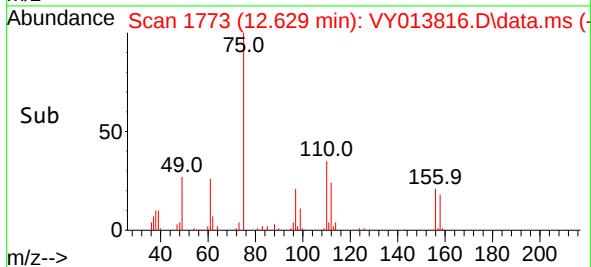
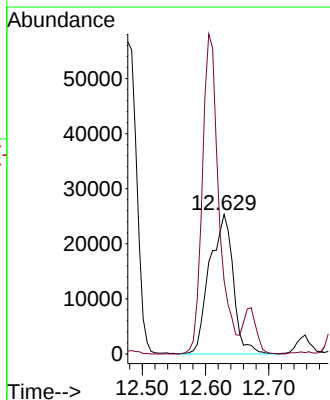
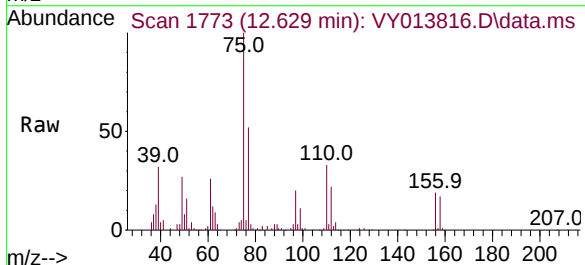
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

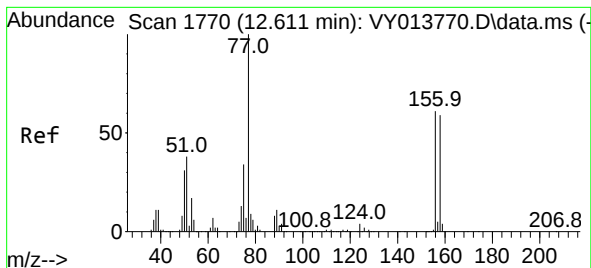
Tgt Ion: 83 Resp: 51314
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 30.231 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 75 Resp: 65764
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.283 ug/l

RT: 12.605 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

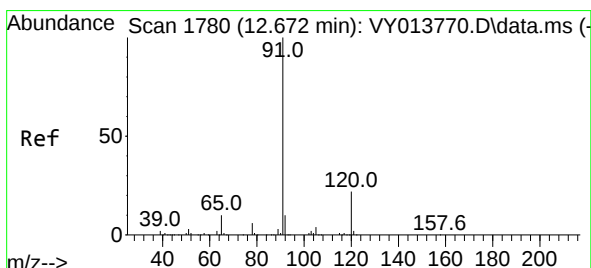
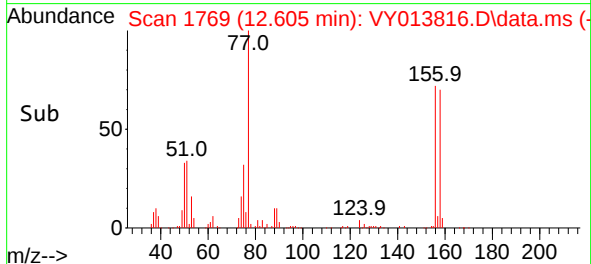
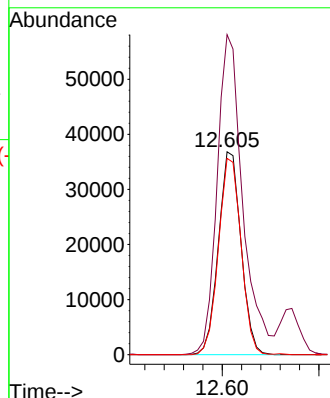
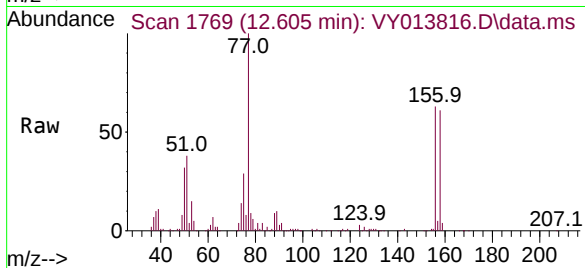
Tgt Ion:156 Resp: 59540

Ion Ratio Lower Upper

156 100

77 179.8 97.1 291.3

158 96.8 49.1 147.3



#78

n-propylbenzene

Concen: 19.787 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013816.D

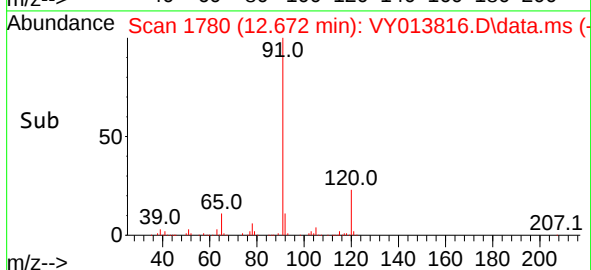
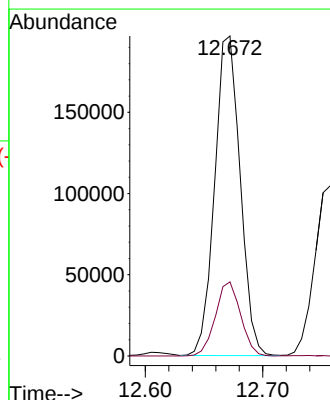
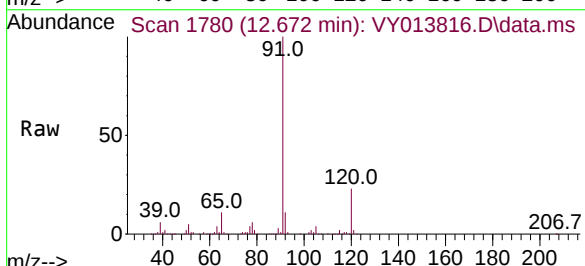
Acq: 19 May 2023 13:15

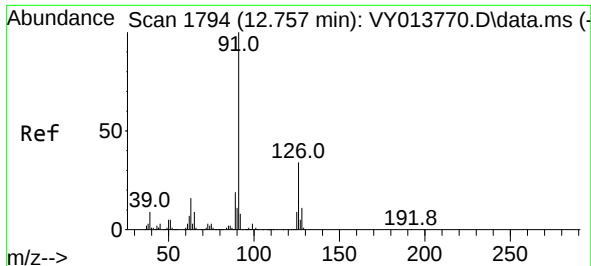
Tgt Ion: 91 Resp: 296606

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 19.383 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

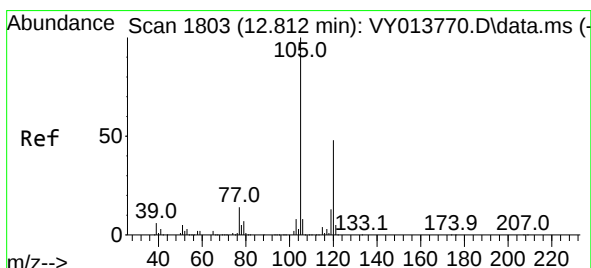
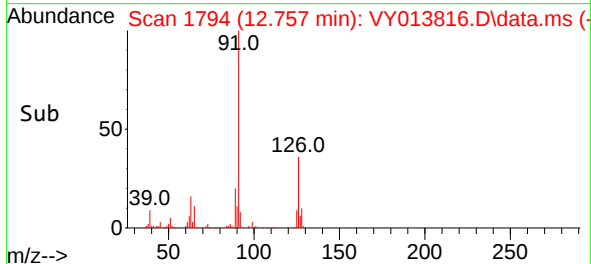
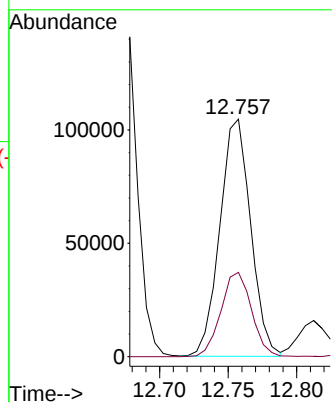
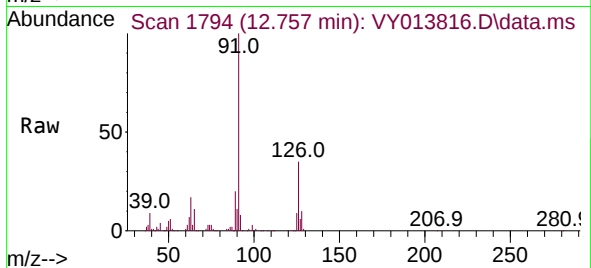
VY0519SBS01

Tgt Ion: 91 Resp: 163975

Ion Ratio Lower Upper

91 100

126 35.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.298 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013816.D

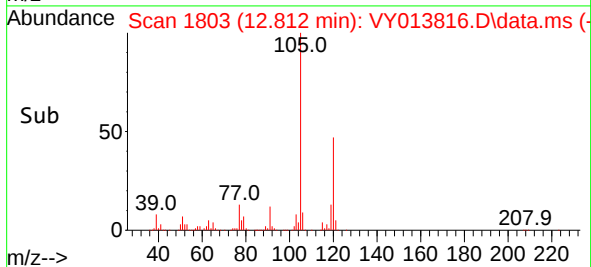
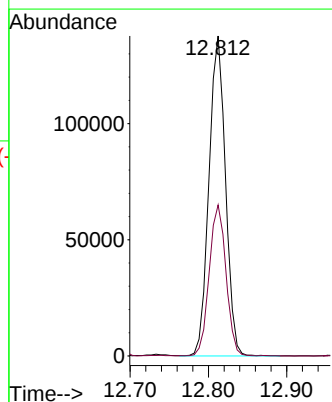
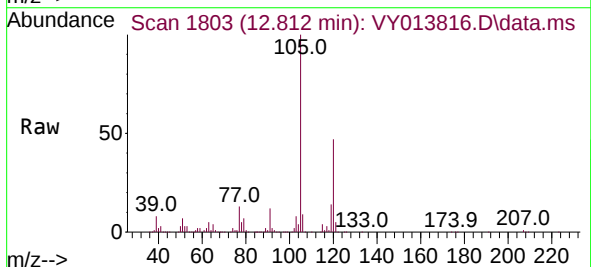
Acq: 19 May 2023 13:15

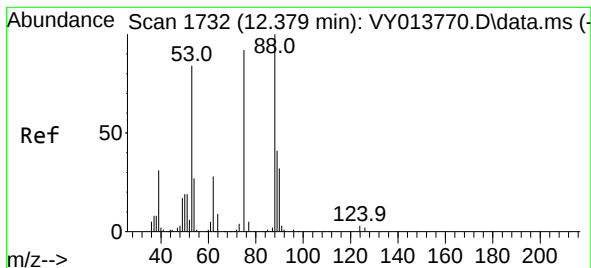
Tgt Ion: 105 Resp: 201409

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.5

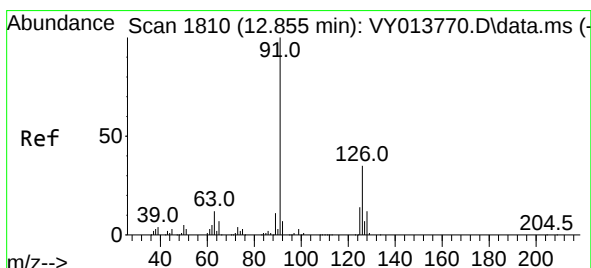
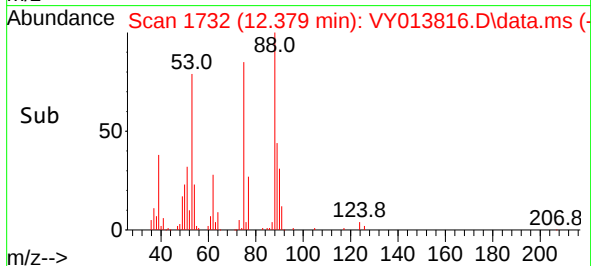
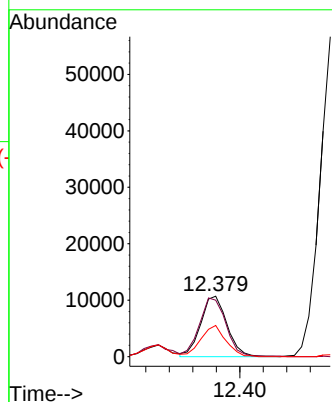
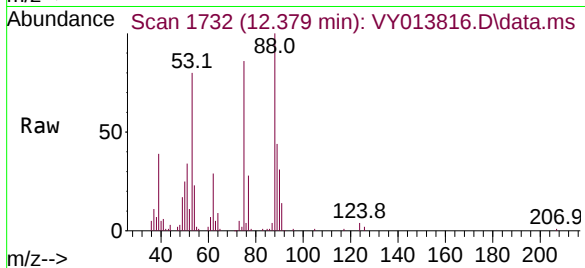




#81
trans-1,4-Dichloro-2-butene
Concen: 17.019 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

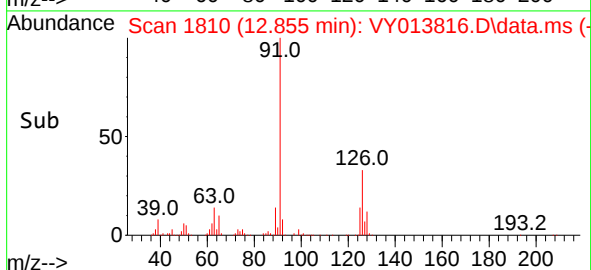
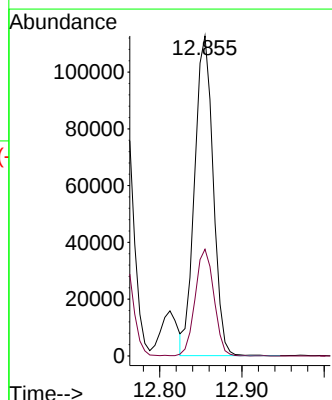
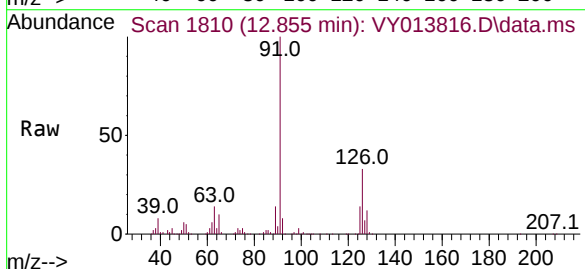
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

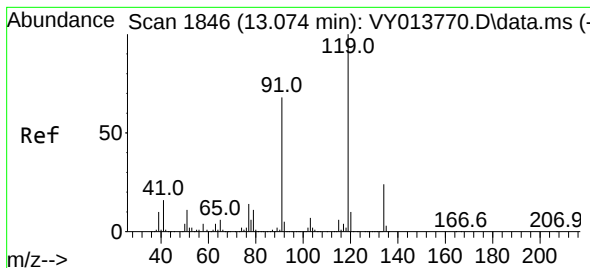
Tgt Ion: 75 Resp: 16629
Ion Ratio Lower Upper
75 100
53 98.4 75.3 112.9
89 49.1 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.942 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 91 Resp: 175742
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.183 ug/l

RT: 13.074 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

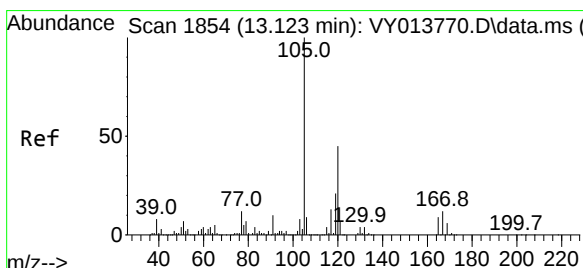
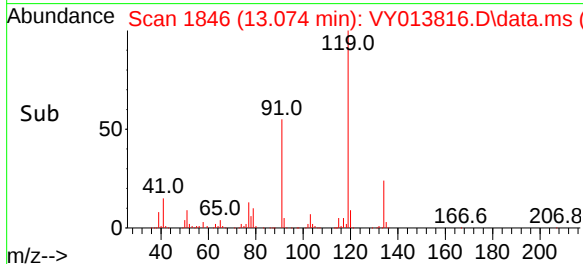
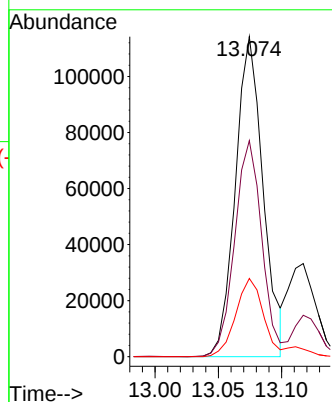
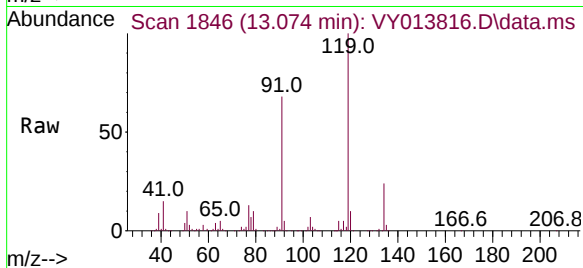
Tgt Ion:119 Resp: 174394

Ion Ratio Lower Upper

119 100

91 66.1 33.3 99.9

134 26.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.386 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013816.D

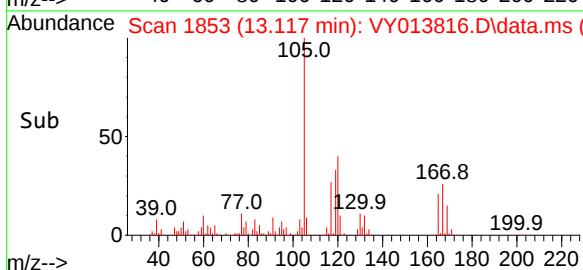
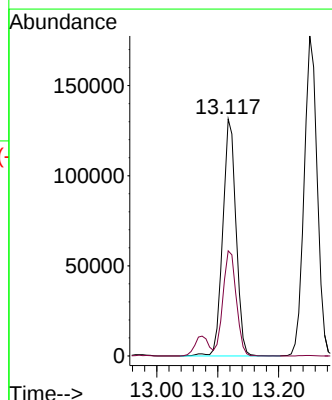
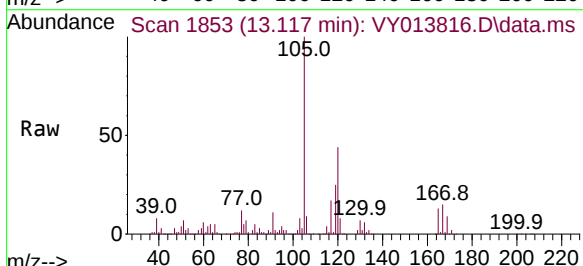
Acq: 19 May 2023 13:15

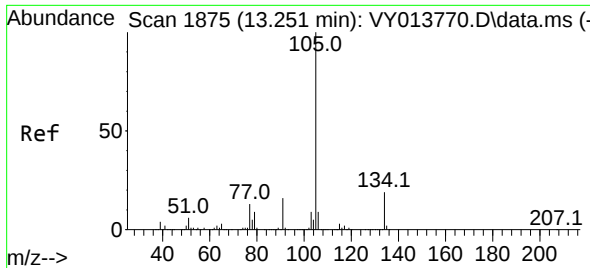
Tgt Ion:105 Resp: 198250

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6

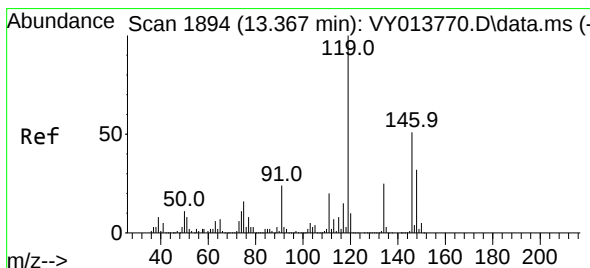
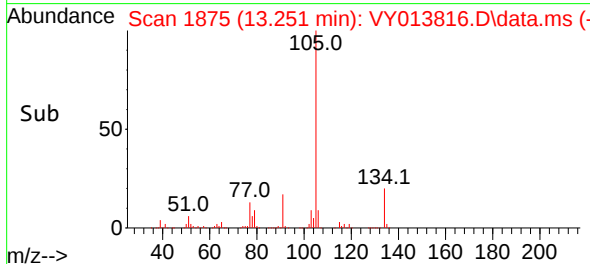
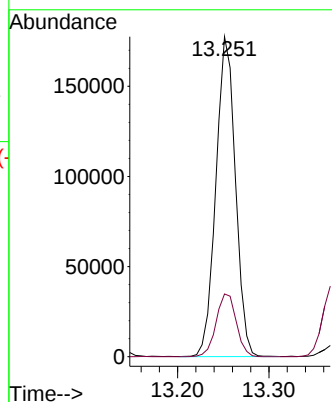
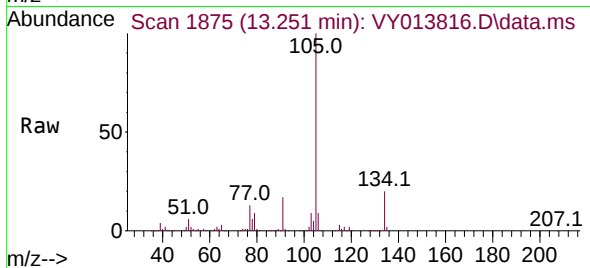




#85
 sec-Butylbenzene
 Concen: 20.201 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

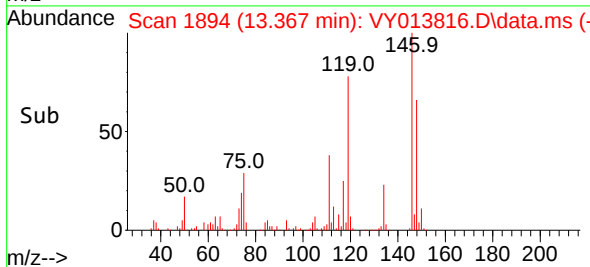
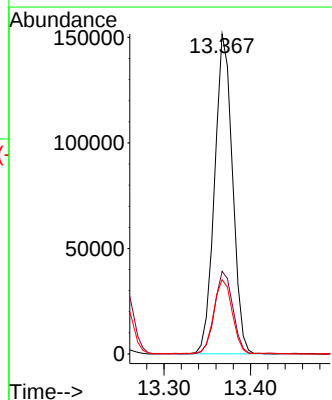
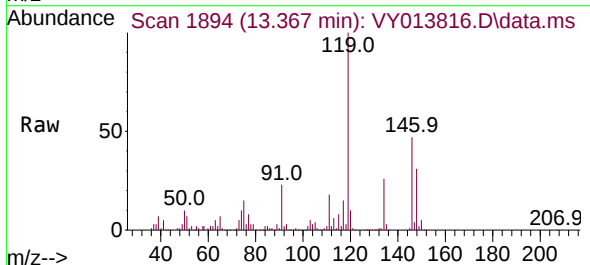
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBSD01

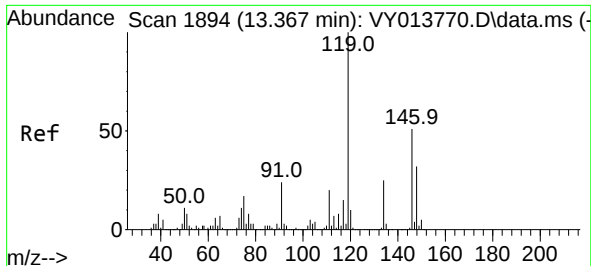
Tgt Ion:105 Resp: 263361
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.648 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013816.D
 Acq: 19 May 2023 13:15

Tgt Ion:119 Resp: 217374
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 24.1 11.8 35.4

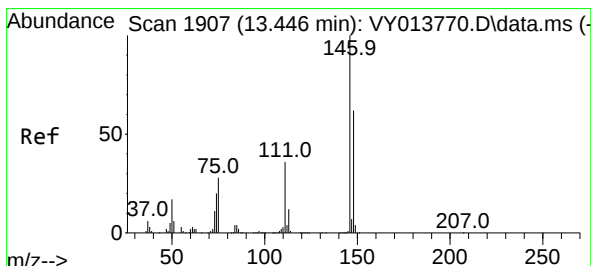
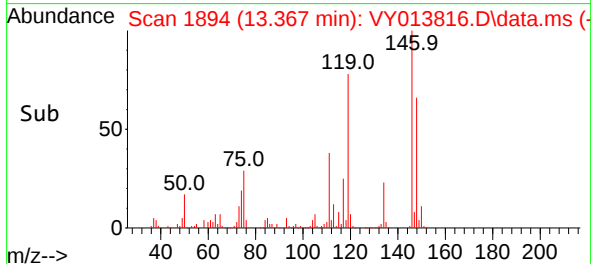
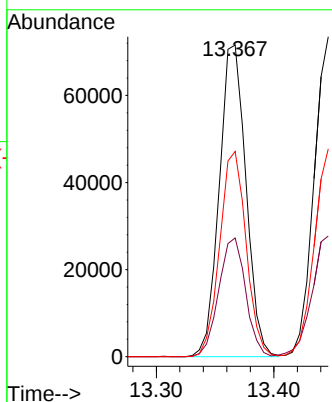
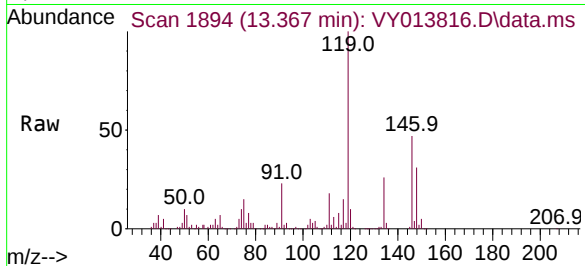




#87
1,3-Dichlorobenzene
Concen: 19.801 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

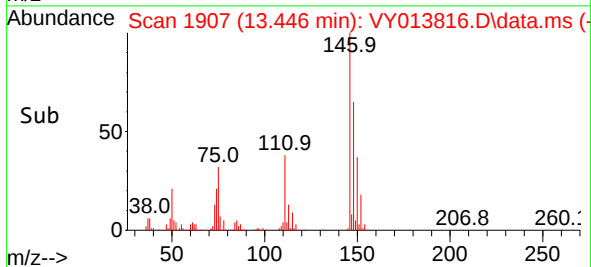
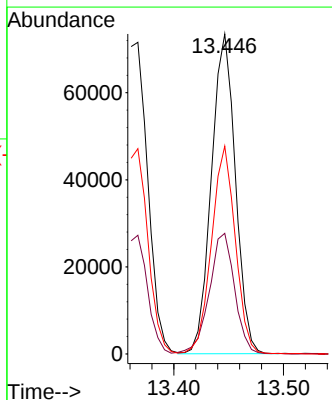
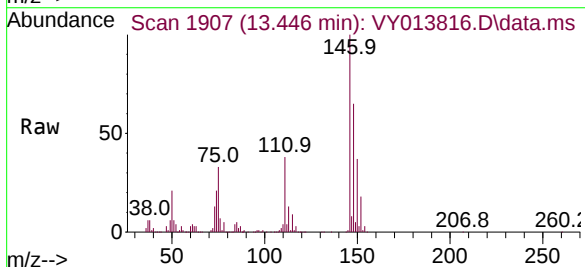
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

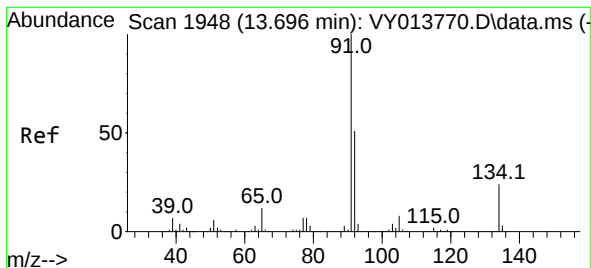
Tgt Ion:146 Resp: 113153
Ion Ratio Lower Upper
146 100
111 38.3 19.7 59.0
148 65.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.447 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion:146 Resp: 111744
Ion Ratio Lower Upper
146 100
111 40.0 18.9 56.7
148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 19.563 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

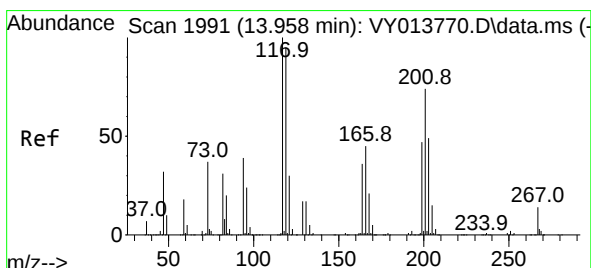
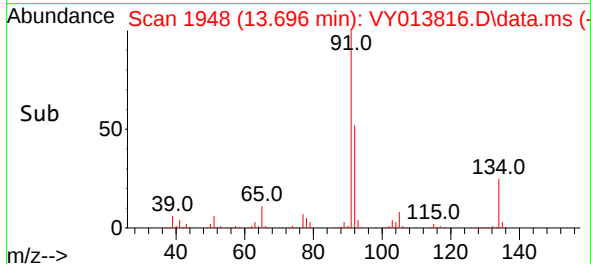
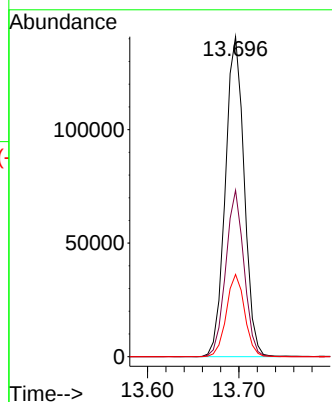
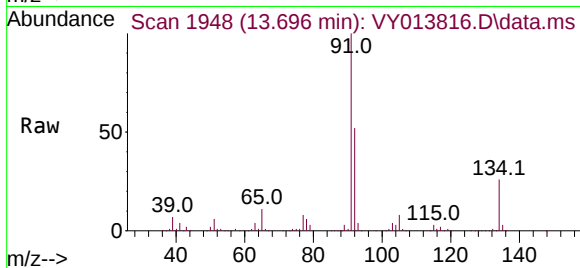
Tgt Ion: 91 Resp: 201914

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.4

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 19.789 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013816.D

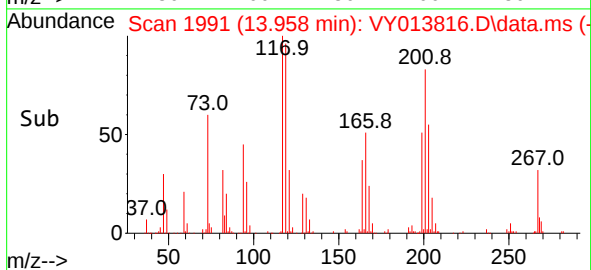
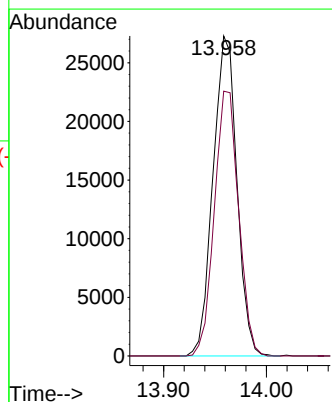
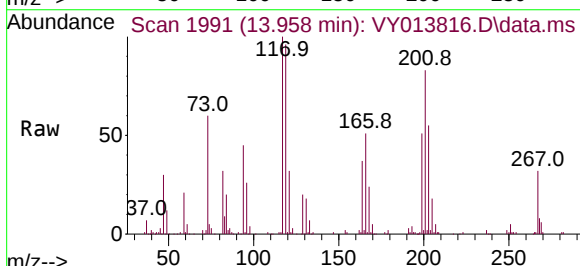
Acq: 19 May 2023 13:15

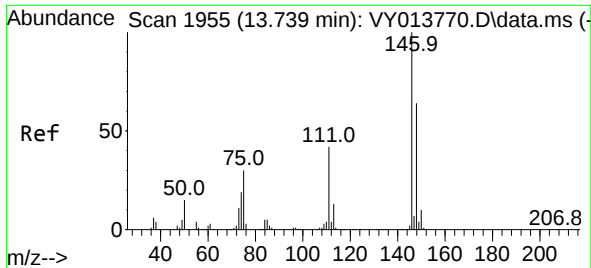
Tgt Ion: 117 Resp: 44024

Ion Ratio Lower Upper

117 100

201 84.0 39.2 117.6

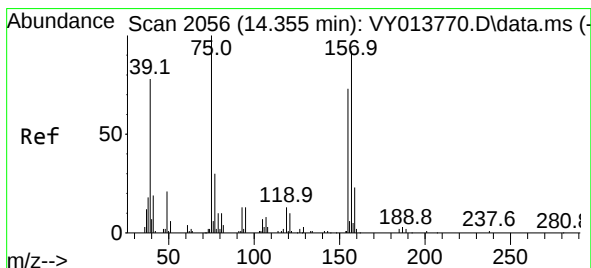
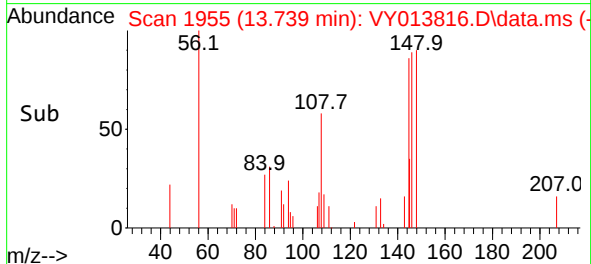
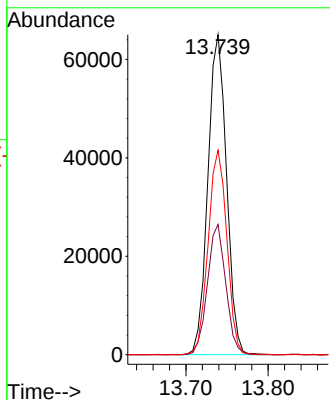
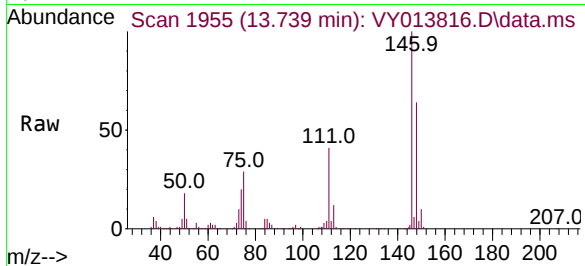




#91
1,2-Dichlorobenzene
Concen: 20.133 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

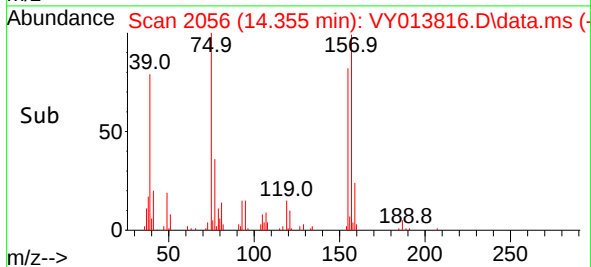
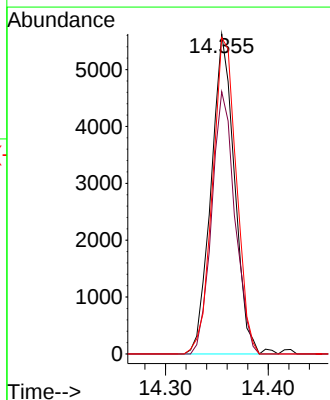
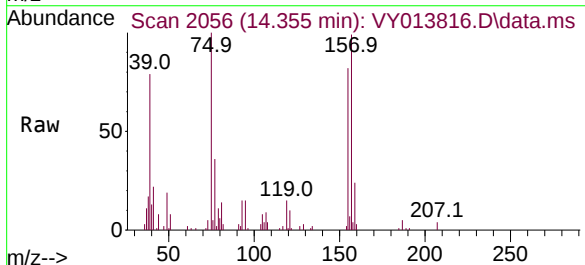
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBSD01

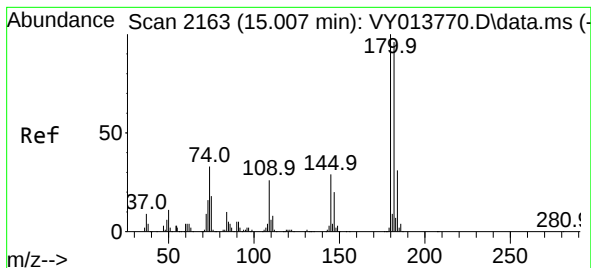
Tgt Ion:146 Resp: 102454
Ion Ratio Lower Upper
146 100
111 40.0 20.0 59.9
148 64.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.007 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013816.D
Acq: 19 May 2023 13:15

Tgt Ion: 75 Resp: 8878
Ion Ratio Lower Upper
75 100
155 81.2 39.1 117.3
157 100.6 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 20.298 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

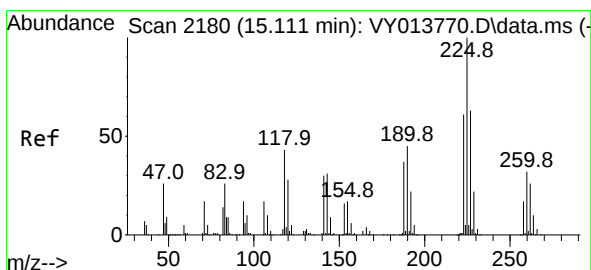
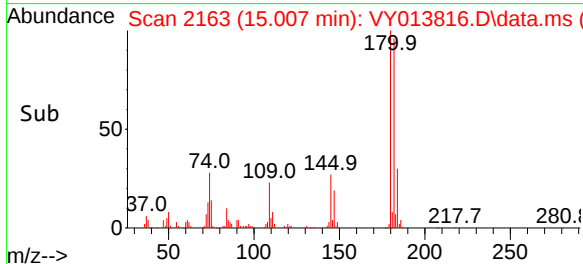
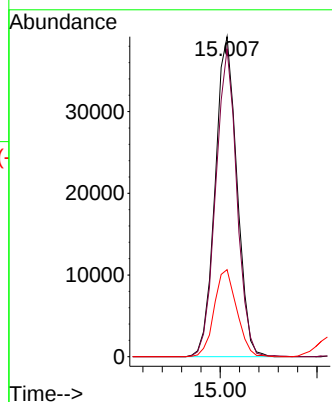
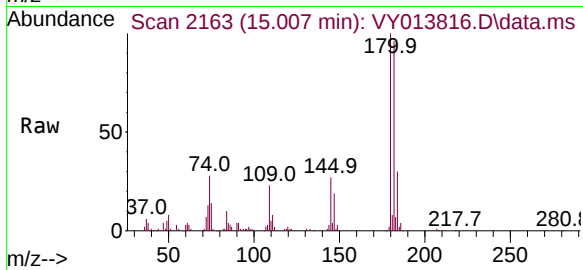
Tgt Ion:180 Resp: 61294

Ion Ratio Lower Upper

180 100

182 93.1 47.4 142.3

145 28.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.767 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

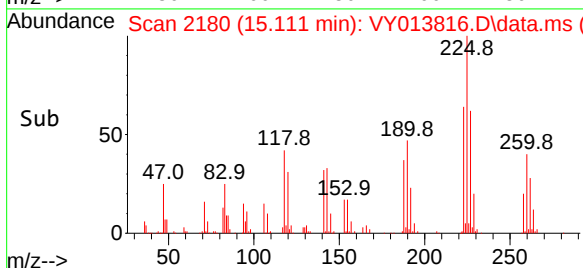
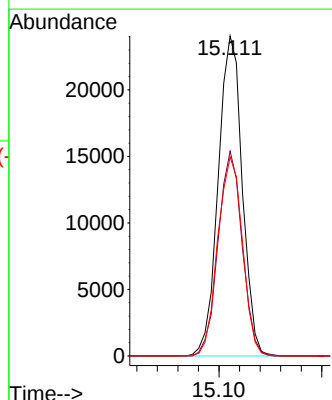
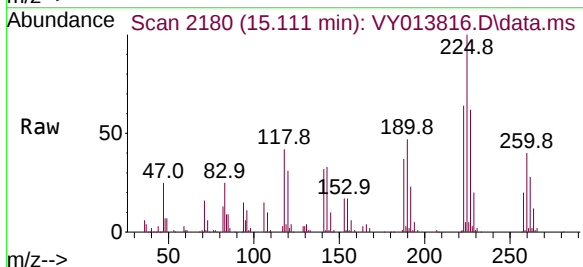
Tgt Ion:225 Resp: 38958

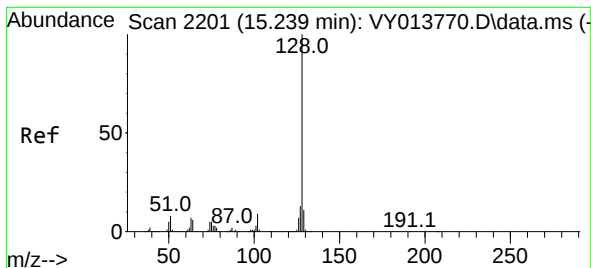
Ion Ratio Lower Upper

225 100

223 63.9 30.6 91.6

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 18.443 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

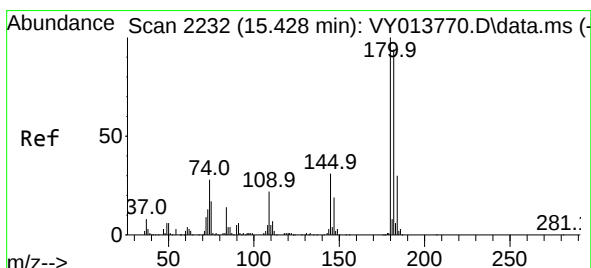
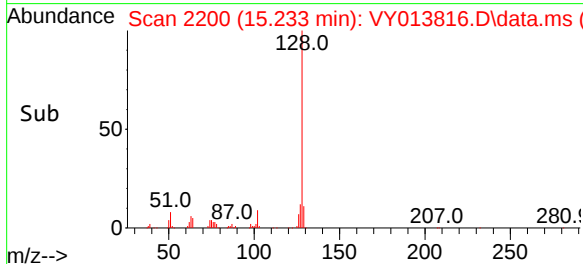
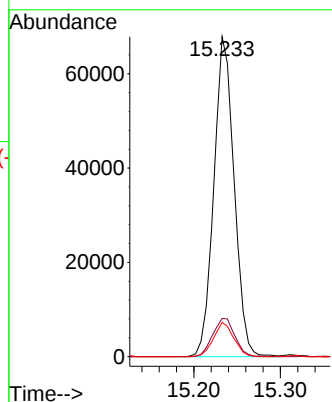
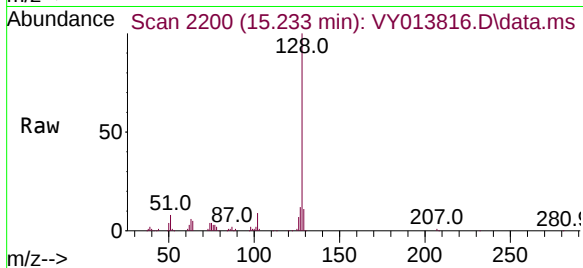
Tgt Ion:128 Resp: 110540

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.079 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013816.D

Acq: 19 May 2023 13:15

Tgt Ion:180 Resp: 51837

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.4

145 30.3 15.6 46.7

